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Lancaster Farming

VOL. 18 No. 28 | Lancaster Farming, Saturday, June 2, 1973 | $2.00 Per Year

Six to Vie For Dairy Princess

Six young ladies will be vying for the title of Lancaster County Dairy Princess when the annual Dairy Princess Pageant is held on Saturday evening, June 23, at the Farm and Home Center.

The winner of the contest will become a goodwill spokesman for the dairy industry. She'll also compete in the state dairy princess pageant to be held later this year. Last year's local winner was Donna Book.

To be eligible for the contest, a girl must have completed her junior year in high school, and she must be the daughter of a dairy farmer, herdsman, farm manager of dairy farm owner.

Festivities on the 23rd will begin with a reception at 6:30 p.m., followed by dinner at 7:00. Master of ceremonies for the evening will be David Yoder from Atlantic Breeders. Judges will be Mrs. Pat Erway, women's editor of LANCASTER FARMING, and Gary Martin, of the Sperry New Holland public relations department There will be a third judge announced later.

This year's contestants are:

Cheryl Balmer, 16, daughter of Mr and Mrs. Jesse Balmer, Lititz RD4. She is a junior at

(Continued On Page 19)

Cheryl Balmer

Dorothea George

Raelene Harbold

Rhoda Stauffer

Joann Weidman

Jeanetta Witmer

His Holiness, Abuna Theophilos, left, Patriarch of the Ethiopian Orthodox Church, was the guest of Jay Garber, right, on Wednesday. The Patriarch and his party toured the Garber farm to become acquainted with American agricultural methods.

Ethiopia Church Leader Visits County Dairyman

When Jay Garber and his wife visited Ethiopia last year, they never expected a return visit to their New Danville farm from one of that country's most respected citizens. But that's exactly what happened this week, when His Holiness, Abuna Theophilos, dropped by to see what a Lancaster County farm looks like.

Abuna Theophilos is Patriarch of the Ethiopian Orthodox Church, and thought by many to be the second most influential man in that African country of some 22 million people. The Patriarch is spending a month in this country, visiting church and other groups who've been active in helping his country develop its resources

In Lancaster County, he visited the Eastern Mennonite Board of Missions and Charities, which maintains an extensive missionary and hospital program in Ethopia. Jay Garber is on the Eastern Mennonite board of directors, and it was in that capacity that he and Mrs. Garber flew to Ethiopia for a 10-day visit in February of last year

The primary reason for the trip was to observe the Mission's work. Garber said, though, that he learned many things about Ethiopian agriculture during his visit. While the country is located near the equator on Africa's western coast, the climate is not exclusively tropical The mountainous terrain has given the area a very diverse range of climates, from tropical to temperate, and even colder in some

(Continued on Page 14)

Milk Production at The Masonic Home

Barney Wilson manages one of the most successful Ayrshire herds in the state. Wilson is dairy manager for the Masonic Home Farm in Elizabethtown, and is responsible for producing all the milk consumed by the Home's 1200 guests.

The Home's placid Ayshires produce some 100,000 pounds of milk in an average month. Only about 25,000 pounds are needed by the home, so the surplus is shipped to a dairy in Harrisburg Wilson said they have 103 cows, with 85 head milking at the present time His herd average is

(Continued on Page 22)

Barney Wilson, dairy manager of the Masonic Home farm in Elizabethtown, has been working on the farm for 19 years.

ANNUAL DAIRY ISSUE

Farm Calendar

Saturday, June 2

1 p.m -- Grooming and Showmanship Clinic, All 4-H Horse Club Members; Glick's

(Continued On Page 4)

Local Livestock Market, Auction News

Lancaster Market

Monday, May 28

	Cattle	Calves	Hogs	Sheep
Today	507	41	627	70
Last Week	138	2	44	2
Last Year	250	97	918	58

CATTLE: Supply includes load mixed Choice and Prime 1170 lb. slaughter steers fully steady at 48.00. Balance of supply mainly feeder steers. No reported sales.

FEEDER STEERS: Five loads Choice and Prime 700-725 lb. 54.00; one lot Good 950 lb. 45.00.

VEAL CALVES: Vealers 1.00-2.00 higher. Good demand for calves returned to farm.

VEALERS: Prime 72.00-74.00; Choice 67.00-71.00; Good 60.00-67 00.

SHEEP: Spring lambs steady to 1.00 lower. Ewes absent.

SPRING LAMBS: Choice 65-95 lb. 38.00-40.00, couple small lots 41.00; Good 36.00-38.00.

Lebanon Valley Auction

Tuesday, May 29
337 Head of Cattle

Compared with last weeks market, slaughter steers about steady Slaughter cows steady to 50 cents higher. Slaughter bulls steady to 25 cents higher.

STEERS: High Choice (individual) at 47.35; Choice 1000 - 1300 pounds 45.35 - 46 60; Good 43 50-45.75; Standard 42.00-43.00.

HEIFERS: Choice slaughter heifers (couple) 43.85 - 45.00; one Good 42 50; Standard (few) 41.10-42.00.

COWS: Utility and High Dressing Cutter 37.75 - 39.60; Cutters 35.25 - 38 10; Canners 33.00 - 35.00, Shells down to 30.00.

BULLS: Good 44.00 - 45.75, individual at 47.00; Utility and Commercial 42 10 - 46 35.

202 Head of Veal Calves

Choice and Prime (few) 70.00 - 75 00

FARM CALVES: Holstein Bulls 90 - 190 pounds 75.00 - 97 00; Holstein heifers 90 - 160 pounds 85 00 - 109 00

25 Head of Sheep

Good and Choice 50 - 75 pound feeder lambs (few) 40.00 - 49.00; slaughter ewes (few) 9 00 - 16 00

Electrical Storms and Boating

If you enjoy boating you also need to be a weatherwatcher, reminds Joseph R Cardenuto, Extension recreation specialist at The Pennsylvania State University It's especially important to keep off the water during thunderstorms since the boat is the highest point on the water and a likely place for lightning to strike

Vintage Auction

Tuesday, May 29

	Cattle	Calves	Sheep
Today	1145	425	78
Last Week	825	384	113
Last Year	1205	476	262

CATTLE: Compared to last Tuesday slaughter steers mostly 50 higher, instances 1.00 higher; cows uneven, Utility strong to 50 higher, Canner and Cutter steady to 25 lower, bulls steady to weak. Supply included 18 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 1050-1350 lb. 47.35-48.85, four head 49.00-49.10; Choice 950-1400 lb. 45.85-48.00, few Choice yield grade 2 48.10-48.50; load Choice 1420-1520 lb. 45.50-46.75; high Good and low Choice 45.00-46.50; Good 42.50-46.00; Standard and low Good 40.00-43.25.

SLAUGHTER HEIFERS: Couple Choice 880-930 lb. 43.10-43.50, lot Good 680 lb. 41.50.

COWS: Utility and high dressing Cutter 37.25-39.00, few 39.10-39.85; Cutter 35.25-37.75; Canner and low Cutter 33.00-35.25.

BULLS: Choice 44.00-45.25, couple 46.75-47.25; Good 42.00-44.00; Utility and Commercial 40.50-44.50, couple 47.25-48.35.

VEAL CALVES: Vealers strong to 1.00 higher, good demand for calves returned to farm.

VEALERS: Prime 74.00-77.50; Choice 70.00-75.00; Good 65.00-71.50; Standard 55.00-61.50; Utility 80-115 lb. 52.00-57.50, couple lots 60-75 lb. 42.00-45.00.

RETURNED TO FARM: Bulk 90-125 lb. Holstein Heifers 97.00-106.50, Utility 90-110 lb. Holstein Heifers 74.00-90.00; Bulk 90-132 lb. bull calves 92.50-100.00; Utility 80-125 lb. bull calves 64.00-82.00.

SHEEP: Spring lambs fully steady.

SPRING LAMBS: Choice 55-90 lb. 37.00-44.00, few 50-80 lb. 44.50-47.00.

New Holland Dairy Cattle

Wednesday, May 30

Reported receipts of 137 cows, 23 heifers; market lower than last weeks market.

Load New York State springers, 545 - 650.

Load Pennsylvania cows, fresh, 475 - 760; springers, 610 - 780

Load Franklin County cows, fresh, 470 - 635; springers, 790-900

Load New York State cows, fresh, 445 - 550, springers, 525 - 600

Load Vermont cows, fresh, 440 - 765

Locally consigned cows, 390 - 760

Springing Heifers, 470 - 620

Lancaster Auction

Wednesday, May 30

	Cattle	Calves	Hogs	Sheep
Today	1167	107	428	49
Last Week	822	39	438	72
Last Year	1433	159	518	84
This Week's Auction	1201	110	404	51
Last Week's Auction	795	34	432	74

CATTLE: Compared to last Wednesday slaughter steers 50-75 higher, instances 1.00 higher on Prime; cows mostly steady; bulls steady to 50 lower.

SLAUGHTER STEERS: High Choice and Prime 1100-1325 lb. 47.60-48.85, one tenhead lot 1227 lb. 49.25; Choice 950-1450 lb. 45.75-48.00, load Choice and Prime 1460-1500 lb. 45.38-45.60; high Good and low Choice 45.50-46.60; Good 42.75-45.75; Standard and low Good 41.10-43.00.

SLAUGHTER HEIFERS: Choice 750-975 lb. 42.85-44.75, couple 45.50-46.75; Good 40.25-43.00.

COWS: Utility and high dressing Cutter 36.25-38.50, few 38.75-39.60; Cutter 35.25-37.75; Canner and low Cutter 33.50-35.00.

BULLS: Choice 43.75-46.75; Good 41.00-43.00; Utility and Commercial 42.50-46.00, few 46.25-47.85.

VEAL CALVES: Compared to Tuesday vealers strong to 2.00 higher.

VEALERS: Prime 72.00-76.00, couple 77.00; Choice 69 50-72.50; Good 60.00-69.50.

SHEEP: Spring lambs steady to strong.

SPRING LAMBS: Choice 80-90 lb. 40.50-42.00.

New Holland Horse Auction

Monday, May 28

Reported receipts of 641 head of horses, mules and ponies; market steady with last weeks market.

Load Iowa riding horses, 135 - 305.

Load Ohio riding horses and driving horses; driving horses, 180 - 290; riding horses, 115 - 260.

Load North Carolina riding horses and work horses; work horses 235 - 250; riding horses, 110 - 260.

Load Kansas riding horses, 170 - 340.

Load Tennessee riding horses, 175 - 350.

Load Virginia work horses and riding horses; riding horses, 175 - 330; work horses, 275 - 380.

Local work horses 350 - 410; mules 140 - 230; driving horses 175 - 575; riding horses 150 - 230; better horses 260 410

Killers: lightweight 14 - 15, heavyweight 16 - 19.

Mare ponies 15 - 40; colts 6 - 15; geldings 15 - 35, larger ponies 50 - 70.

New Holland Auction

Thursday, May 31

	Cattle	Calves	Sheep
Today	603	377	24
Last Week	944	521	8
Last Year	1377	439	30

CATTLE: Compared to last Thursday slaughter steers strong to 75 higher; cows mostly steady, although Utility steady to 50 lower; bulls 50-1.00 lower. Supply included 23 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 1050-1325 lb. 47.50-48.60, few 48.75-49.00; Choice 950-1400 lb. 46.00-48.00; high Good and low Choice 45.00-47.25; Good 43.50-46.25; Standard and low Good 40.00-43.50.

SLAUGHTER HEIFERS: Few Choice 825-870 lb. 42.50-44.25.

COWS: Cutter and Utility 35.50-38.00, few 38.00-38.50; Canner and low Cutter 32.25-35.25.

BULLS: Choice 44.00-45.25, couple 45.50-46.75; Good 41.50-44.00, Utility and Commercial 41.00-44.50, couple 46.50-46.75.

VEAL CALVES: Vealers strong to 2.00 higher. Demand fair for calves returned to farm.

VEALERS: Prime 75.50-78.00, few 79.00-81.50; Choice 70.00-75.00; Good 63.00-70.00; Standard 54.00-63.00; few Utility 65-90 lb. 42.00-50.00.

RETURNED TO FARM: Bulk 90-125 lb. holstein heifers 77.50-90.00, few 91.00-96.00; Bulk 90-125 lb. bull calves 75.00-87.00; Utility 85-120 lb. bulls and heifers 57.00-65.00.

SHEEP: Insufficient volume to fully test market trends.

SPRING LAMBS: Choice and Prime 40-60 lb. 50.00-59.00, 60-90 lb. 45.50-48.00.

SLAUGHTER EWES: Utility 16.50-19.00.

Monday, May 28

Calf Receipts 57.

Choice and Prime 68-75; Standard 50-63.50; Good and Low Choice 64-67.50; Common 40-50; Back to farm calves 75-1.00.

Monday, May 28

34 loads of hay and 13 loads of straw sold as follows: (prices per ton)

Alfalfa 2 loads 61 and 64; Timothy 39-65; Mixed Hay 35-69; Straw 32-43; Corn 7 loads 55-64.

Growing Degree Days, Rainfall

A report from Penn State of weekly crop and weather roundups with a report on weather conditions for the week ending May 28.

In Lancaster, the average temperature for the week was 55 degrees, -10 degrees under the normal average for the time of year

Growing degree days for crops that start at 50-degrees totaled 325 degrees, or -36 less than normal in an average year.

Rainfall for the week totaled 2.47 inches; rainfall from April 1 totaled 10.18 inches, or 3 04 inches more than normal.

Composite Report

Friday Weekly, June 1

	Cattle	Calves
This Week	3700	950
Last Week	5041	1075
Last Year	4448	1180

CATTLE: Slaughter steers 50-1.00 higher; cows mostly steady, although Utility steady to 50 lower; bulls 50-1.00 lower. Supply included an estimated 40 per cent slaughter steers, 20 per cent cows, 20 per cent bulls, with the balance mainly feeder steers.

SLAUGHTER STEERS: High Choice and Prime 1050-1350 lb. 47.35-48.85, few head 49.00-49.25; Choice 950-1450 lb. 45.75-48.00, few Choice yield grade 2 48.10-48.50, load Choice and Prime 1450-1500 lb. 45.35-45.60; High Good and low Choice 45.00-47.25; Good 42.50-46.00; Standard and low Good 40.00-43.50.

SLAUGHTER HEIFERS: Choice 750-975 lb. 42.50-44.75, couple 45.50-46.75; Good 40.25-43.00.

COWS: Utility and high dressing Cutter 36.25-38.50, few early part of the week 38.75-39.85; Cutter 35.25-37.75; Canner and low Cutter 32.25-35.25.

BULLS: Choice 43.75-46.75, couple 46.75-47.25; Good 41.00-44.00; Utility and Commercial 40 50-45.00, few 45.50-46.75, with a couple 47.00-47.85.

VEAL CALVES: Vealers strong to 2.00 higher. Demand fiar for calves returned to farm.

VEALERS: Prime 74.00-78.00, few 79.00-81.50; Choice 69.00-75.00; Good 65.00-71.50; Standard 54.00-63.0; Utility 80-115 lb. 52.00-57.50, few 60-85 lb. 42.00-50.00.

RETURNED TO FARM: Bulk 90-125 lb. holstein heifers 95.00-106.50; Utility 90-110 lb. holstein heifers 74.00-90.00; bulk 90-132 lb. bull calves 85.00-100.00; Utility 80-125 lb. bull calves 64.00-82.00.

Green Dragon Hay

Friday, May 25

41 loads hay, including: Few loads Alfalfa, 57.00 - 75.00; few loads Timothy, 39.00 - 60.00; Mixed hay, 35.00 - 87.00; two loads Orchard Grass, 47.00 and 57.00.

25 loads straw, 30.00 - 41.00.

10 loads corn, 55.00 - 64.00.

One load soybeans, 8.25 per bushel.

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Kenneth E. Hershey, Sales Manager

Hog Prices

Vintage Auction

Saturday, May 26

Hogs 616. Compared with last Saturday's market: Barrows and Gilts mostly steady to 25 cents lower.

US No. 1-2 200-230 lbs. 39.50-40; US No. 1-3 200-255 lbs. 39-39.50; US No. 2-3 190-250 lbs. 38-39; Few US 2-4 275-295 lbs. 36.10-36 25; Few US 2-4 140-180 lbs. 36.37.50.

Sows: US 1-3 400-500 29-31.

Boars: 29.75-32.50.

Wednesday, May 30

Hogs 380. Compared with last Wednesday's market: Barrows and Gilts mostly 50 cents higher. US No. 1-2 200-240 lbs. 39.50-39.85; US No. 1-3 200-250 lbs. 38.50-39.50;

Sows: US No. 1-3 300-550 lbs. 30.50-32.

Boars: 29-31.

Indianapolis Auction

HOGS: 2000. Barrows and gilts steady to 25 lower.

Barrows & Gilts; US 1-2 200-233 lb. 38.25-38.50; US 1-3 200-240 lb. 37.75-38.25.

St. Louis Auction

HOGS: 5000. Barrows and gilts opening weak to 25 lower.

BARROWS & GILTS: US 1-2 200-230 lb. 38.25-38.75; about 75 head at 39.00; US 1-3 200-250 lb. 37.50-38.25.

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Lancaster Market

Monday, May 28

Barrows and gilts strong to 25 higher.

BARROWS AND GILTS: couple loads US 1 210-240 lb. 39.50-40.00; US 1-2 200-240 lb. 39.00-39.50; US 2-3 195-255 lb. 38.25-39.25.

Lancaster Auction

Wednesday, May 30

Compared to Tuesday barrows and gilts steady to strong.

BARROWS AND GILTS: US 1 210-245 lb. 40.25-40.50; US 1-2 210-240 lb. 39.10-39.50; US 2-3 210-240 lb. 38.35-38.85; US 3-4 240-260 lb. 37.60-38.10; US 1-2 195-210 lb. 38.10-38.50.

New Holland Auction

Monday, May 28

Hog 688. Compared to last week Barrows and Gilts fully 50 cents higher.

US 1-2 200-240 lbs. 40-41; US 1-3 200-250 lbs. 38.50-40; US 2-4 230-275 lbs. 36.50-39.50; US 2-4 160-190 lbs. 37-39.50.

Sows: US 1-3 300-575 lbs. 30.50-33.

Boars: 30-31.

PEORIA AUCTION

HOGS: 5500. Barrows and gilts steady to 25 lower.

BARROWS & GILTS: US 1-2 (150 head) 200-225 lb. 38.75; US 1-3 200-230 lb. 38.00-38.50; US 1-3 230-250 lb. 37.50-38.00.

Lebanon Valley Auction

Tuesday, May 29

353 Head of Hogs

Barrows and Gilts 50 cents to 75 cents lower.

U.S. 2-3 200 - 240 pounds 38.85 - 39.60, lot to 39.75; 2-4 220 - 260 37.75 - 38.85.

SOWS: U.S. 1-3 350 - 475 pounds (few) 33.35 - 34.50.

BOARS: (Few) 28.25 - 29.25.

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Omaha Cattle

Thursday, May 31

Slaughter steers for holiday-shortened trading period 25-50c higher. Heifers strong to mostly 25c higher. Cows 1.50-2 00 lower in a slow trade under narrow demand. Bulls strong to 50c higher. Feeder supply strong to 50c higher.

Three day receipts for holiday period 12,800 as compared 17,500 four days of previous week and 15,200 for like period a year ago. Slaughter steers made up approximately 33 percent, heifers 33 percent, cows 15 percent and feeders 15 percent. For the fifth successive week, fed cattle trade followed stable courses as prices continued to edge upward even in the face of a generally unresponsive carcass trade where despite a non-slaughter holiday in most plants on Memorial Day, movements of the finished product was slow. Most interests were in need of cattle and demand was generally good although activity slow slightly at midweek as carcass prices slumped. The overall finish was somewhat less attractive than the previous week with an increased number of Good to average-Choice steers and heifers offered.

Average cost slaughter steers for two days 46.58 average weight 1109 pounds as compared 46.13 and 1124 pounds previous week and 36.03 and 1130 pounds a year ago.

FEEDERS: Outshipments from regular market trade 1300 as compared 2000 previous week. Trade active under good demand, strong to 50c higher, supply mainly partly fattened two-way steers.

Futures Trading

(Closing bids as of Thursday, May 31)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
June	47.45	40 15		51 90
July		40.45		55.75
August	47.05	39.75		57.85
September				60.50
October	46.75	38.50		60.10
November			3.43	63.40
December	46.70	38.75		65.10
January '74				61.00
February	46.70	39.10		
March			4.45	
April	46.25	37.27	4.80	
May			5.53	
June	46.12	38.50		
July		38.25		

Trend: Cattle are stronger, Hogs are stronger, Potatoes are weaker, and Eggs are stronger.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

New York Dressed Meats

Thursday, May 31

Daily distributive-less than carlot meat trade.

Compared with Wednesday, steer and heifer beef steady to weak. Veal, calf and lamb steady; pork loins firm and other listed pork cuts steady.

Supplies mostly moderate and current receipts of fresh meats smallest in quite some time. Beef rounds and ribs along with lamb legs, pork loins and spareribs continue as forerunners while beef chucks and rough cuts under pressure.

Steer Beef

Prime 600 - 900 pounds 72.50 - 73.00; Choice 600 - 700 72.50 - 73.00; 700 - 800 72.00 - 73.50; 800 - 900 72.50 - 73 00, Good 500 - 800 71.00 - 72.50.

Heifer Beef

Choice 500 - 700 pounds 71.00 - 72.50.

Calf (Skin Off)

150 - 350 Pounds

Choice 86.00 - 92.00; Good 83.00 - 89.00; Stand and 79.00-82.00.

Veal (Skin Off)

Choice 90 - 150 pounds 118.00 - 122.00; Good 60 - 90 114.00 - 120.00, Standard 60 - 120 95.00 - 99.00.

Choice Beef Cuts

Hinds (Steer) 145 - 190 pounds 81.00 - 83.00; Arm Chucks 90 - 105 62.50 - 75.00; Ribs (7-rib) 34 - 40 89.00 - 93.00; Loins (Trmd) 50 - 70 103.00 - 106.00; Rounds (Steer) 70 - 95 77.50 - 80.00; Full Plates 48.00 - 49.00; Hinds (Heifer) 120 - 170 80.50 - 82.00.

Fresh Pork Cuts

Loins (Regular) 8 - 14 73.00 - 76.00; 14 - 17 72.00 - 74.00; Picnics (Regular) 4 - 8 52.50 - 54.00; Boston Butts 4 - 8 63.00 - 66.00; Spareribs 3 pounds down 82.00 - 85.00; Hams (Skinned) 14 - 17 62.00 - 65.00; 17 - 20 60.50 - 62.00.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	Cattle	Hogs	Sheep
5-31-73	123,000	305,000	37,000
Week Ago	122,000	265,000	37,000
Year Ago	130,000	302,000	40,000
Week to date	374,000	933,000	118,000
Same pd. last wk.	473,000	1,142,000	145,000
Same pd. last yr.	394,000	931,000	121,000

Is It Time To Hedge Your 1973 Grain Crops?

Commodity futures can be a means of locking into high grain prices. Settlement prices for May 29, 1973 were:

July wheat - $3.01
November soybeans - $6.16
December corn - $1.98½

If you have an interest in hedging or desire more information about grain markets, send for our booklet "Introduction to Hedging" today.

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Local Grain

Thursday, May 31

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except for ear corn which is per ton.

The average local grain prices quoted Thursday, May 31, 1973, are as follows:

	Bid+	Offered
Ear Corn	51 33	57.66
Shelled Corn	2 20	2.48
Oats, Local	90	1.11
Oats, Western	1 31	1 46
Barley	1.46	1.75
Wheat	2.39	2 59

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Poultry Market Reports

Eastern Pa. and N. J.

Wednesday, May 30
Live Poultry

Prices of light type hens held steady. Offerings generally barely adequate for full needs. Finished product moving well.Offerings of heavy hens adequate for a fair call.

Prices paid at farm: light type hens 12-16½, mostly 16-16½ in Pa., Mostly 15-16 in N. J. Heavy type hens TFEWR.

Fogelsville

Tuesday, May 29
(Prices paid dock weights, cents per lb.)

Light type hens 11-16; Heavy type hens 13-35, mostly 20-28; Pullets 40-48; Roasters 30-51, mostly 42-51; Rabbits 80-97½, mostly 95-97; Guineas 1.28½-1.37; Pigeons (per pair) 1.51-4.02.

Total coops sold 251.

Auction every Tuesday. Poultry received Monday 7 p.m to 10·30 p.m. Tuesday 7 a.m. to 12 Noon, Sale at 11:30 a.m.

Directions - Take Rt 22 thruway Exit at Fogelsville Exit North on stoplight in Fogelsville Turn left, proceed 1 mile.

Peoria Cattle

Thursday, May 31

Receipts This Week 3400, Last Week 3200 and Last Year 4100 As compared to last weeks close, slaughter steers steady to 25 instances 50 higher Slaughter heifers ended 25-50 lower. Cows steady and bulls steady

Supply mainly Choice slaughter steers and heifers with several loads Choice and Prime steers and heifers Receipts about 70 percent steers, 20 percent heifers and balance cows

STEERS - On Wednesday, Choice and Prime 1250-1300 pounds 2-4 47 50-47 75, on Tuesday two loads at 48 25 Choice 975-1275 2-4 46 50-47 50 some at 47 75 on Wednesday Mixed Good and Choice 900-1250 45 00-46 75 Good 43 25-45 00. Standard and Good Holsteins 41 00-43 00

HEIFERS - Choice and Prime 900-1050 pounds 2-4 46 25-46 50 on Wednesday one load at 46 85. Choice 775-1050 2-4 44 50- 46.00 Mixed Good and Choice 750-950 43 00-44 50 Good 40.75-43 25

COWS - Commercial 29 00-33 50 Utility 33 50-36 50 High Yielding 36 50-37 00 Cutter 29 50-34 00 Canner 23 25-29 50

BULLS - Utility and Commercial 37 00-42 50 High Yielding Utility 42 50-43 75 individual 44 00

Lancaster Farming

Lancaster County's
Own Farm Weekly

P O Box 266 - Lititz, Pa 17543
Office 22 E Main St , Lititz, Pa 17543
Record-Express Office Bldg
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Richard E Wanner, Editor
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Delmarva

Wednesday, May 30
Broiler-Fryer Market

Ready to cook movement fairly good. Slaughter schedules continue heavy in most quarters. Less than trucklot prices continue to hold unchanged on both plant and US Grade A. Live supplies ample with weights heavier than desired in many quarters. Undertone steady.

Pool trucklot prices for Thursday arrival: US Grade A 41-46, mostly 42-42½; Plant grade 40-44, mostly 41-41½.

Egg Market

Wednesday, May 30
Philadelphia Eggs

Prices higher on all sizes. Cartoning demand fair to occasionally good especially where mediums featured at 53-55 cents. Stocks adequate. Undertone fully steady.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered: store door A Extra Large 60-61½; A Large 59-60½; A Mediums 52½-54.

Wednesday, May 30
Baltimore Eggs

Market fully steady. Demand slow to fair. Supplies adequate for needs. Cartoned eggs: Prices to retailers, state grades (min one case sale) White Grade A. Large 60-68, mostly 60-63; Grade A Medium 56-62, mostly 57-59.

Weekly New York Egg Market

From Tuesday, May 29th to Friday, June 1st

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	HOLIDAY	54	56	56	57½
Large		53	55	55	56
Mediums		49	50	50	50
Pullets		44	46	46	46
Peewees		32	33	33	33
BROWN					
Fcy. Large		59	60	60	61
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade Large		48	50	50	51
Checks		38	39	39	39

Long Tone - Large sizes fully steady to firm, Small sizes steady.

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New England Weekly Shell Egg Report

Tuesday, May 29

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	62-66	60-64	55-59	42-47
Mostly	63-65	61-63	56-58	42-44
NEW HAMP	61-68	59-66	54-61	41-48
Mostly	63-64	61-62	56-57	43-44
R I.	65½-66½	63½-64½	58½-59½	45½-46½
Mostly				
VERMONT	66-72	63-70	63-65	
Mostly				
MAINE	67-69	65-67	60-62	47-49
Mostly				

+Includes Central & Western Sections only.

Oklahoma City

Thursday, May 31

Estimated Receipts 14,000
Same Day Last Week 21,760
Same Day Last Year 14,329

Moderately active, compared to late last week, feeder cattle and calves uneven, offerings over 500 pounds steady to 50 cents lower, some sales on low to average Good grades 75 cents off, feeder calves under 500 pounds in relative small supply, generally steady, some sales 50 cents to 1 00 lower on good grade. Salable receipts of near 14,000 head sharply curtailed compared to last weeks record supply of 21,760 head selling at the Thursday auction in 23 hours and 32 minutes General rains of one to two inches in the marketing area making side roads muddy and contributing to the reduced receipts Majority receipts Good and Choice 500-850 pounds steers and 450-650 pound heifers. Fairly large attendance buyers.

SALES AS OF 12:30 P.M.

FEEDER STEERS: Small lot Choice 377 pound Steer Calves 67.25- Few 430-477 62.80-64.25; 500-600 55.00-59.75; 600-700 51.50-54.50; 700-800 50.00-51.90, part load 695 at 52.30, 800-900 48.50-51.00, short load 842 at 51 70; mixed Good and Choice 300-500 58.00-65.25; 500-700 50.00-53.75; 700-850 48.00-50.00; Good 350-500 55.25-60.50; 500-700 48.00-51 50.

HOLSTEIN STEERS: Good 500-628 pound 47.40-48.75; 700-952 43 30-45.30.

Farm Calendar

(Continued From Page 1

Trailer Shop, Bareville; Rain Date June 9.

Monday, June 4

7:30 p.m. -- Manheim Young Farmer monthly meeting, Weed Control, vo-ag department, Manheim Central High School.

8 p.m. -- Lancaster County Poultry Association Board of Directors meeting, Farm and Home Center.

Tuesday, June 5

4:30 p.m. -- Lancaster County Vocational Agriculture Teachers Association meeting, Brownstown Vo-Tech School.

Lancaster County Farmers Association meeting, Farm And Home Center.

Wednesday, June 6

7:30 p.m. -- Lancaster County Conservation District meeting, Farm and Home Center.

Eastern Milk Producers Annual meeting and banquet, Hotel Syracuse, Syracuse, N. Y.

Friday, June 8

Penn Willows 4-H Club meeting

Pennsylvania Egg Marketing Association meeting, Yellow Breeches Motor Inn.

Regional Hay Prices

Monday, May 29, 1973

(All hay No. 2 and better prices paid by dealers at the farm price per ton.)

Hay and Straw steady to weak.

Alfalfa	50.00-70.00
Mixed hay	35.00-45.00
	few to 55.00
Timothy hay	25.00-40.00
Straw	20.00-30.00
Mulch	15.00-20.00

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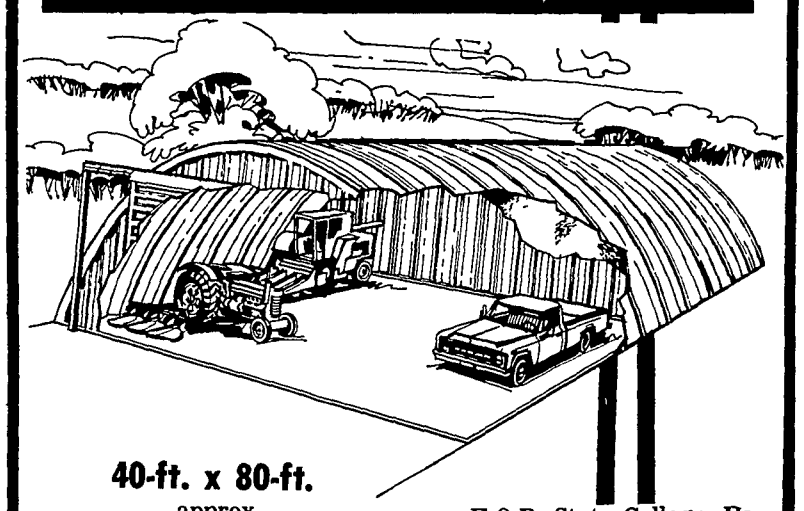

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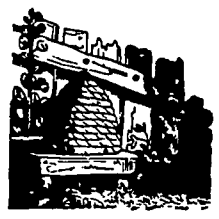
THE OLD FARMER'S ALMANAC

JUNE 4-10, 1973

To a cow now, its just a matter of getting fatter.

Be after horned pouts at night now; they're the sweetest this month . . . Daily thunderstorms begin in Florida, through August . . First quarter of the Moon June 7 . . . Babies conceived in June outlive October ones by 456 moons . . . Average length of days for week, 15 hours, 14 minutes . . . Boston Red Sox 29, St. Louis Browns 4, June 8, 1950 . . . Income Tax Withholding Act June 8, 1943 . . . Radio networks born June 7, 1923 . . . He who wishes to thrive, let spiders go alive.

Old Farmer's Riddle: What turns without stirring? (Answer below.)



Ask the Old Farmer: Can you tell me why it is that horseback riders of the East and Europe manage to get along with a minimum of trappings, while our Western riders and their horses are encumbered by heavy bulky accouterments? B.L., Springfield, Ill.

Almost every detail of the Westerner's riding outfit has a practical use — high boot heels so his foot won't slide through the stirrup; hoods or "tapederos" on the stirrups to keep his boots from being torn by briars and to keep his feet from freezing in cold weather; chaps for warmth and protection, and so-on. The only thing that is strictly decorative that we know of are the conchos or metal discs on some of the gear.

Home Hints: Mosquitos like wet clothes and the color blue . . . Vinegar set in an open dish absorbs odor of smoke . . . *Riddle answer* Milk.

OLD FARMER'S WEATHER FORECASTS

New England: Cloudy and warm to start, then scattered showers by midweek; rain, heavy in north, later part.
Greater New York-New Jersey: Week begins Clear and hot, then rain; heavy rain latter part, then clear on weekend.
Middle Atlantic Coastal: Clear and hot at first, then rain and cooler by midweek; end of week clear and very warm.
Southeast Coastal-Piedmont: Clear and warm to start, then cooler with rain; clear latter part, then coastal rain on weekend.
Florida: Cloudy early week, then scattered showers; rain end of week but clear on weekend.
Upstate & Western N.Y.-Toronto & Montreal: Showers at first, then partial clearing and warm at midweek; variable cloudiness and intermittent rain latter part.
Greater Ohio Valley: First part of week partly cloudy and warm with rain in the east; end of week cloudy and hot.
Deep South: Heavy rain and cool to start, then light rain and hot at midweek; clear and hot latter part.
Chicago and Southern Great Lakes: Partly cloudy and cool through midweek; remainder of week showery and warmer.
Northern Great Plains-Great Lakes: Most of week cloudy and cool; rain latter part, but very warm.
Central Great Plains: Rain at first, then clear by midweek; showers end of week.
Texas-Oklahoma: Rain, heavy to start, and cool through midweek; end of week clear and hot.
Rocky Mountain Region: Cloudy with intermittent rain and very warm all week.
Southwest Desert: Clear and hot to start, then increasing cloudiness and cooler; light rain on weekend.
Pacific Northwest: Light rain and cool temperatures to midweek; clear and warm latter part.
California: Cloudy to start, then clear at midweek; end of week clear and warm.

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Lebanon Co. Dairy Princess Festival

June 16th is the date to circle on your calendar if you live in Lebanon or surrounding counties. A gala Dairy Festival will be held at the Lebanon Expo Fair Grounds starting at 6:30 p.m. The prime feature will be the final selection of the new Lebanon Dairy Princess for 1973.

The Dairy Princess will be selected from a field of five contestants: Cheryl Blatt, Jonestown RD1; Lucille Berger, Fredericksburg RD1; Natalie Geesaman, Fredericksburg RD1; Sharon Zeigler, Myerstown RD2, and Donna Lu Bennetch, Newmanstown RD1, are among the first entrants in the contest. Miss Patricia Krall, Lebanon RD1, is the present Princess and will crown the newly chosen Princess, who will then take over her duties

will offer a host of attractions for people of all ages and interests. The festivities will begin with a milking demonstration and contest between Lebanon City Mayor Walter Swanger and County Commissioner Thomas Behney. Supplied with a gentle cow, a milk stool and a pail, they have vowed to show the world just where milk comes from and how easy it can be obtained!!

The June 16th Dairy Festival at the Expo Grounds will feature the winners of a Cow Coloring Contest for children in kindergarten through fourth grades. Nearly a thousand entries have been submitted. The winners will receive cash prizes and gift certificates. Most of the "Daisy The Cow" contest pictures will be displayed in the Expo Building.

Cash prizes and certificates will be awarded to the four winners in a Dairy Poster Contest for children in the fifth through eighth grades. Several hundred picture posters have already been submitted. They contain an original slogan or picture designed to promote the use of milk in the daily diet. Winners will be selected on the basis of originality, neatness and effectiveness.

The Dairy Foods Recipe Contest will again be a highlight of this year's pageant. Rules for the contest can be obtained from the Extension home economist, Mrs. Alletta Schadler, or any member of the committee. The committee members are Mrs. Ray Sattazahn, Mrs. Irvin Horst, Mrs. Albert Moyer, Mrs. Sandy Klingler and Miss Patricia Krall.

Judges for the Dairy Princess Contest will be Rynell Sorensen, Miss Lebanon Valley; N. Alan Bair, assistant Lancaster County Agent; and Mrs. Robert Kauffman.

Master of ceremonies will be Carl Brown, fieldman of the Pennsylvania Holstein Association.

Rug Buying

The cost of a rug or carpet depends on the basic fiber content, amount of surface yarn, style and method of construction. Choose the best quality carpet or rug that your budget will allow, advise Extension home furnishings specialists at The Pennsylvania State University. A densely packed pile will look better and give longer wear than one with sparse surface pile of the same fiber.

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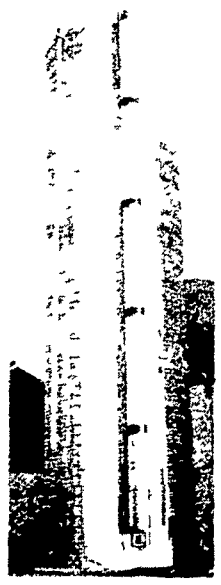

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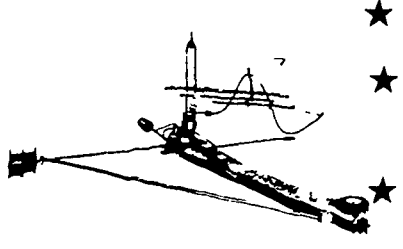

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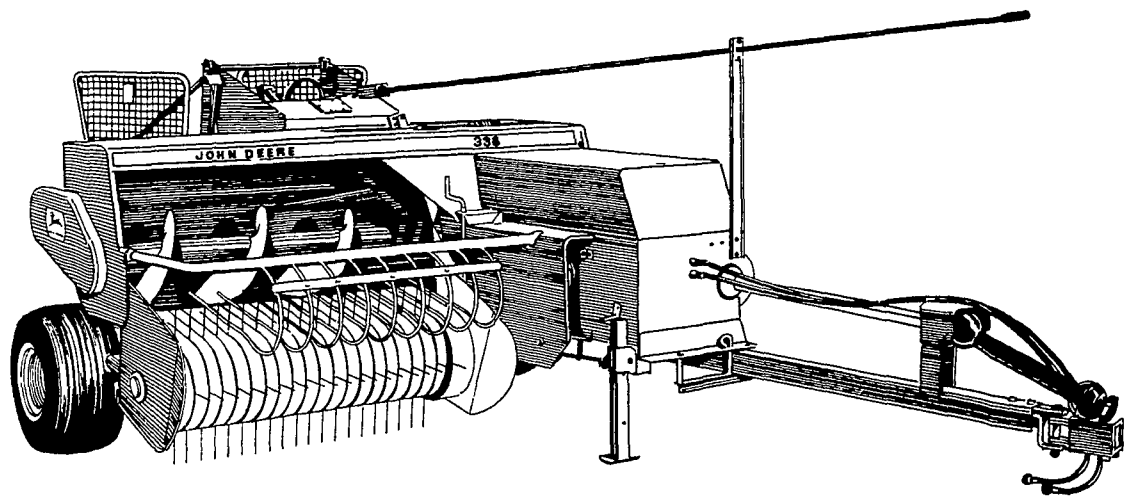

A quick glance reveals clean, uncluttered styling. But good looks of the 336 Baler goes much more than skin deep.

The striking absence of chain spells quiet operation and low maintenance. The exclusive equal-angle hitch (optional) reduces powerline vibration and chatter and smooths out corners. The V-belt-driven pickup and feeding auger, roller-mounted plungerhead, and gear-driven knotter run quietly and require minimum maintenance.

The 61-inch-wide pickup with 80 teeth, giant 289-square-inch feed opening, and 80 30-inch-long plungerhead strokes per minute set today's capacity standards.

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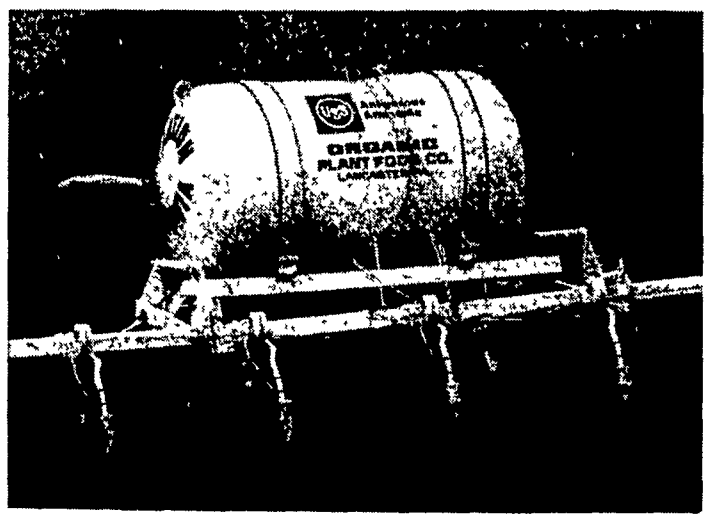

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Milk Is A Good Source Of Calcium

When cutting down on your food intake to reduce body weight, milk is one food you should not eliminate from your diet, says Joe S Taylor, Extension specialist at The Pennsylvania State University. The foods that contribute fat and little else should be eliminated first, such as. table fats, foods fired in fat, pasteries and other rich desserts

Meat and poultry contain protein and iron, milk contains protein, Vitamin A, calcium and riboflavin, all essential to good health. We need the nutrients in these foods to stay healthy, says Taylor.

Older people should increase, not decrease, their milk consumption. Recent research has indicated that persons with symptoms of osteoporosis (deterioration of the body's bone structure) were more likely to have had a long-term diet low in calcium. Milk is one of our best sources of calcium and in the correct form for body assimilation, says Taylor.

Excess weight is not good for your health. This has been proven with numerous research projects. However, the essential foods you eat while reducing body weight are important, says Taylor.

Rotary Parlor Plus Automatic Milkers Equal the Newest In Dairy Methods

Forget the image of the dairy farmer in the dell—his operation is a modern marvel that would do credit to 2001!

Take the case of Don Morelli of Stanislaus County, California, as reported in the September, '72 issue of Farm Journal. He has combined two modern dairy methods into one highly promising operation.

He began with the revolving milk parlor idea This is a revolving platform that can milk 160 cows an hour. To this he has added milking units that detach when the milk stops, making the operation highly automatic.

Before completing his plans for the tandem rotary, Morelli studied milking parlors in England and Ireland His operation differs in that it is made from heavier materials, better suited to the larger American cow.

Urbanization led to Morelli's innovation when he was forced to sell his first 180-cow dairy in Marin County. It has been a dramatic expansion for him as he plans to enlarge his herd to 450 cows.

While Morelli's 16-cow rotary is capable of milking 160 cows an hour, only 135 were being milked at the time of the report. One man attached the Quarter-Take-Off units while a second man watched the units, pulled detached units from under the cows and dipped teats A third man changed milking strings and kept cows moving into three prep stalls outside.

Cows not milked out at the end of the first round take the trip twice.

A 7 5 horsepower hydraulic pump runs four hydraulic motors turning rubber tires which move the rotary platform.

The cows adjust themselves to the timing of getting on and off the turntable. Should a cow get caught in a gate while entering or leaving the rotary, she automatically activates a safety mechanism similar to that in modern elevator doors. A switch reverses the rotary 8 to 12 inches and then stops it. No cow has ever been injured in Morelli's parlor.

Free-stall barns house Morelli's cows. The barns are flushed automatically eight times a day.

No feeding is done in the milking parlor. Morelli decided it made the parlor too difficult to keep clean and the cows harder to milk. Feeding is done after milking.

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AGWAY FARM ENTERPRISE SERVICE AGWAY

How do you save a high-moisture corn crop?

That was the all-important question last fall. Few were able to dry all their crop or to store it in air-sealed silos. The capacity just wasn't there.

Yet many found a third alternative—ChemStor.

High-moisture grain treated with ChemStor can be stored almost any place, provided it is protected from additional moisture. It stays fresh and palatable.

Farmers who applied ChemStor last fall report excellent results. In fact, they say it actually enhances palatability. The silage-like aroma attracts the animals, keeping them on feed during ration changes. And since it contains the same organic acids that occur naturally in the rumen, it cannot diminish or alter nutritive value.

ChemStor offers new flexibility. The extra 2 to 4 weeks gained by early harvesting leaves you more time for fall work, and could save your crop from bad weather.

And there's no more drying delay. High-moisture or not, your grain can go directly to where you store and feed it. Grain can be moved and stored to suit your convenience. Even if you have an air-sealed silo, you can increase its use by refilling at midyear with your ChemStor-treated grain from storage.

If you want to save a crop like last year's, or want to expand and improve your operation, look at ChemStor.

Talk it over with your Agway Enterprise Salesman.

June Dairy Month Emphasizes Importance Of Dairy Industry

June is dairy month throughout the U S In Pennsylvania dairying is a billion dollar industry, second in dollar value only to our great steel industry, says Joe S Taylor.

Milk tastes good, milk is good for your health, and milk is an economical food buy in Pennsylvania At 64 cents per half-gallon or 16 cents per pound where else can the consumer purchase essential protein, calcium and vitamins that's in milk for the same price?

Milk is one of the best sources of high quality protein, calcium and vitamins that are essential for life and the well being of all ages.

Some of the facts about milk: The American public gets about 43 percent of its calcium from milk; Milk fat is 60 percent saturated and 40 percent unsaturated; An entire quart of milk equals the cholesterol of just one egg, Some seven million women are afflicted with osteoporosis, a bone deterioration disease which may result from insufficient calcium.

The best source of calcium is milk because calcium must be combined with fats, preferably buttermilk, in order to be absorbed, adds Taylor.

Adequate Nutrients Important For Heifers

Future dairy herds must depend on the present heifer raising program, reminds County Agent Harvey E. Shaffer, Extension dairy specialist at The Pennsylvania State University.

Pennsylvania DHIA records show that within a breed, the larger two-year-olds outproduce the undersized ones. To have animals well grown at freshening time it is necessary to start to feed and manage them properly as soon as they are born.

Adequate nutrients to meet their growing needs must be furnished each day throughout the first two years of a heifer's life. Otherwise, Shaffer warns, they can't be expected to repay dairymen with all their inherited producing ability when they come into production. Most dairymen do a good job of feeding calves up to four months of age. Beyond this age, however, they are often expected to get most or all of their nutrients from forage. If they are fed top quality forage, they can make normal growth with little or no grain. If the hay is fair or poor quality, it is far better to feed the calves and heifers enough grain to keep them growing then to let them fall behind normal growth rate. This may require as much as four to six pounds of a 16 percent grain mixture per day Heifers and calves should be fed the best hay available The mature animal can utilize poor roughage better than young stock because of their more highly developed rumen.

But Shaffer cautions, feed alone won't insure big, growthy two-year-old heifers. They must be kept healthy and comfortable if the most growth is expected from them Cleanliness and good sanitation is necessary in raising young stock. Dirty, crowded, poorly ventilated pens make ideal places for parasites and diseases to develop and spread. Dairymen should help their heifers make normal growth, so they will help make them more successful dairymen in the future.

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MODEL 357
GRINDER-MIXER
21-INCH MILL•120 BUSHELS

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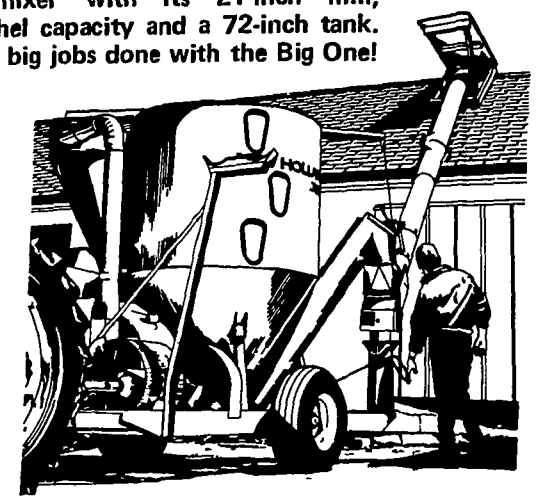

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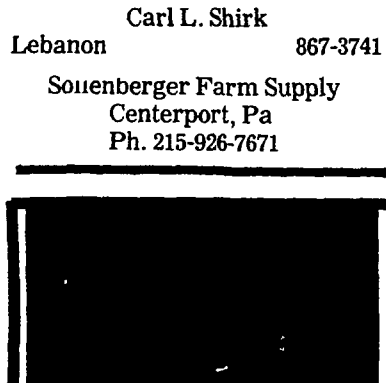

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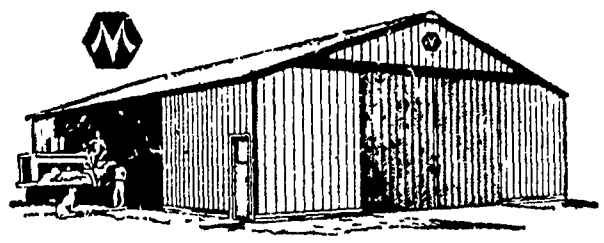

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Dairying Pennsylvania's Billion Dollar Industry

Joe S Taylor, Extension dairy specialist at The Pennsylvania State University says that the Pennsylvania dairy industry will remain viable in spite of our current weather and political problems

An industry that contributes 43 percent of the total cash farm income of the state and 51 of our 67 counties list dairying as a major source of farm income must survive This is true because we have large milk markets, suitable soil, and climate, and above all, the know how to produce milk efficiently, explains Taylor

It is vital to the over-all - economy of Pennsylvania that a stable dairy industry be maintained First, to supply milk to our urban consumers at a fair price Second, to promote through dairying, a soil and water conserving agriculture which builds, rather than depletes, our most important and essential National resources, namely soil fertility and water. Third, to maintain a billion dollar annual income to the state's economy (retail value)

Taylor says milk production for 1973 is running four percent less than last year Most of this decrease is weather related, so with one good crop production year this loss in production could be quickly reversed "We still have good dairymen on good soils milking good cows, the necessary elements for a viable industry," adds Taylor

Athletes and photographers especially find contact lenses advantageous Contacts offer the athlete complete freedom of vision, they are less likely to be knocked off than glasses and they don't steam up when the wearer is perspiring Photographers find that contacts are easier to wear when taking pictures They do not get in the way of the viewing portion of the camera and they don't fog up in cold or rainy weather

Talk About Milk Prices

Discussing the price of milk is not new for the dairy industry And according to Penn State Extension dairy specialist Joe Taylor, the price of milk is popular because it's a political food Everyone, old and young, drinks milk, and everyone over 18 votes, so it's natural for politicians seeking votes to be concerned about the price of milk

Dairymen are smiling at politicians today, Taylor says, because they have suddenly discovered that all prices are too high food and consumer goods

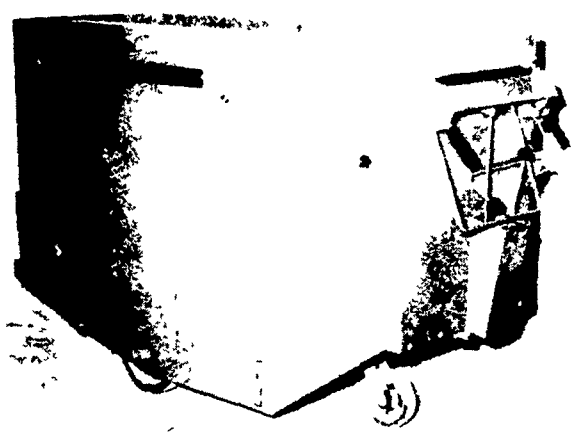
The consumer's pinch is that they have to eat every day They can put off buying an auto, a TV set or other durable goods but not food So really, explains Taylor, consumers are worried about inflation and not food prices alone But at the moment, milk and meat are the political issues that arouse voters

What is the real price of milk? Well, according to Taylor, the real price of milk is ten minutes That's how long the average factory worker has to work, to earn enough money to buy one-half gallon of milk However, dairymen are concerned that inflation of all prices, will force consumers to buy less milk, even though it's a food bargain .at today's prices

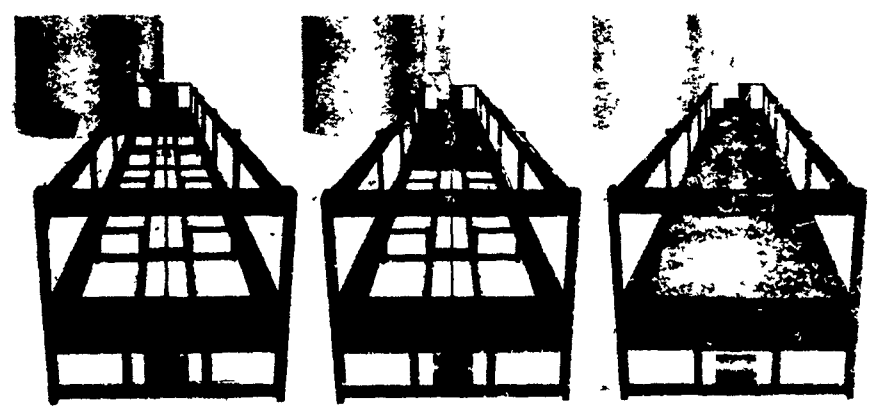
Taylor points out that the dairymen are saying, "Let's live and let live But consumers, please don't ask us to absorb all of the nation's inflation in the price of milk " So, the next time you hear a political aspirant talking about the price of milk, just ask him to elaborate on the price of everything you have to buy

Advertised Specials

Get a raincheck at the supermarket if advertised specials are out-of-stock when you do your shopping Harold Neigh, Extension consumer specialist at The Pennsylvania State University, says you should inform the management when the special is out of stock and ask for a raincheck offer when the supply is replenished



Weaverline enjoyes a most wonderful reputation



Acorn Roll-A-Tray Feeder

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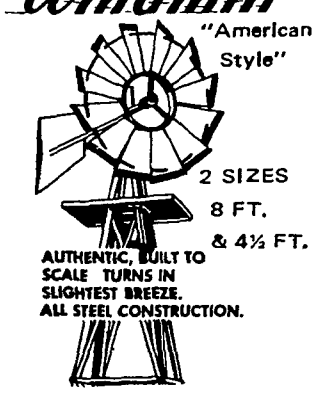

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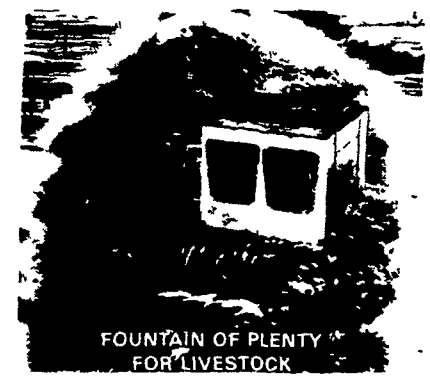
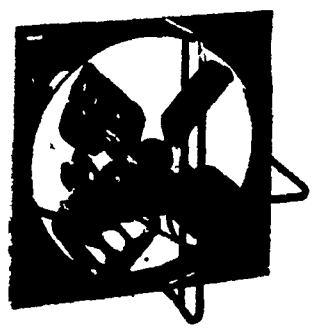
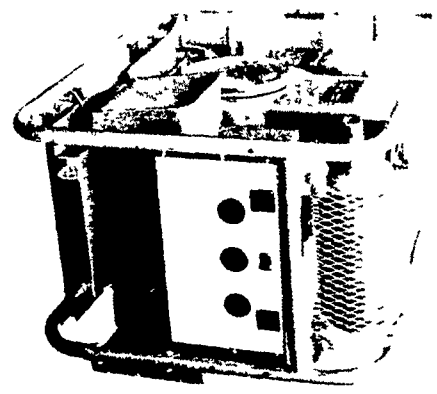


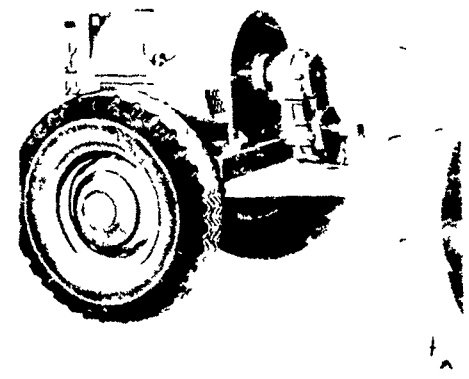
RITCHIE LIVESTOCK WATERER



AMERICAN WAY FAN



Generac motor driven alternator 1000 - 7500 watt



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Should Dairymen Get Involved in Food Price Furor

The dairymen under Federal Milk Order No 4 are contributing money for advertising and promotion to enhance the sale of milk in dairy products to the tune of about $2,225,000 a year. This money is being spent in two basic areas - one in the Dairy Council educational area and the other in the actual promotion area through UDIA, radio-TV programs This latter part of the expenditures is being guided primarily toward the "New You" concept - the general idea of which is to try to convince people to buy milk and dairy products to keep their bodies healthy and in good shape.

With no intention of being critical of what is being done with this money, I would like to propose that dairymen enter the food price squabble Why shouldn't dairymen start telling their customers (1) why the price of milk is what it is, (2) why they can afford to pay these prices, and (3) why they should pay these prices?

I have attended many farmer meetings wherein the cost-price squeeze, price levels, and so forth, have been the main cause of concern and, invariably, there comes out of these meetings, the decision that we should tell the consumers what our expenses are, we should keep the consumers informed of how things are down on the farm.

However, I have seen none of this come through. Occasionally, a manager or president of a cooperative may get a news release in a farm paper wherein he has decried the economic problems faced by farmers. But, seldom if ever, have I seen, as farmers or dairymen, that we have gone directly to our consumers and laid the economic facts of our industry on the line before them in such a way that even if they don't agree with our prices, they will far better, than now, understand them It seems to me the time has come that we must tell our consumers in the city and the large urban areas where we are selling the vast majority of our milk and dairy products that it is going to take considerable money in the marketplace for our product to be distributed, to be processed and to be produced at a profit to us, as farmers If they don't understand and-or accept this simple fact, they may well face reduced future production.

I am not saying we have to scrap all of our present advertising and educational programs, but it does seem to me that we need to throw in - in one of every four commercials in a good, sound, smooth, and acceptable fashion - the economic facts of life to all consumers

I get very concerned when I hear housewives, whom I am sure, know nothing about any part of the milk industry, calling our prices "ridiculous". I get concerned when a labor leader, such as George Meany, begins or threatens to begin to put together the power of labor to force down agricultural farm prices and incomes. To me, these are danger points and to me they indicate we have not promoted or advertised some basics of our industry

I sometimes wonder if it is not totally non-productive to try to convince people to buy a product because it is "good" for them, at a time when they are convinced by all around them the "price is too high".

(Editor's Note: This guest editorial was written by Dr. James E. Honan, general manager of Inter-State Milk Producers Cooperative.)

Grassroots Opinions

FREDERICK, S.D., BROWN COUNTY NEWS. "Shoplifting isn't a game or anything very funny. It's a crime and--a very serious one When a shoplifter steals for 'kicks' he risks a criminal record that may haunt him throughout life. It may bar him from a good job It may be the start of a life of crime It may bar his entry into a business or profession He may find the door closed to a position of trust in his city, state or federal government His stupid act will bring shame to his parents, to his brothers and sisters and to his friends Stealing is foolish business Its costs are high in shattered reputations and loss of personal happiness and respect"

ANTIGO, WISC, JOURNAL "Walking is excellent exercise, as Senator Proxmire affirms but it isn't safe for everyone. In the large cities there are areas where it is positively dangerous, because of the likelihood of being 'mugged' In some suburbs pedestrians are viewed by residents as potential robbers, casing the neighborhood 'for jobs' One has to live in the country or in one of the smaller cities to enjoy walking to the fullest"

SUMMIT, MISS, SUN "What we really need is wage and price controls on the federal government"

HARTFORD CITY IND, NEWS-TIMES "It is quite probable that 20 years from now, the minimum Social Security benefit may be double what it is today--but because of continued inflation, those who will be dependent upon the minimum then will be relatively no better off than those dependent upon it today The Lord giveth and the Lord taketh away, but the government taketh--and taketh"

SULLIVAN, ILL., PROGRESS. "Next time the government wants to devalue our money, how about this for an idea: Do the job in a big way. Take our pennies, nickels, dimes, quarters, etc., that we use now, and reissue them, replacing the word 'cents' with 'dollars' on each The way prices are climbing, we'll soon be spending money that way"

ELLIS, KANS., REVIEW: "People are divided into threes. Those who know everything, those who don't know anything and those who think they do. A fourth could be added, those who think they know everything and are not afraid to say so."

ALBEMARLE, N.C, STANLY NEWS & PRESS: "A junkyard near a railroad crossing in Colorado carries a sign directed to the motorist. 'Go ahead Take a chance. We'll buy the car.'"

SHELTON, NEBR, CLIPPER "Speaking of work, I read that most families in the United States have second incomes, that is, the missus works too This must be some sort of precedent. never before have so many people worked night and day to buy those labor-saving devices"

LAKE CRYSTAL, MINN, TRIBUNE· "Parents in Camden, New Jersey are now responsible for acts of vandalism committed by their children under a measure just signed by Mayor Joseph Nardi Jr The parental responsibility ordinance states that parents will be subject to $500 fine and a maximum 90-day jail sentence if their children 18 and under commit acts of vandalism Parents receive a warning for the first offense, after that they can be jailed or fined"

NOW IS THE TIME . . .

Max Smith
County Agr. Agent
Telephone 394-6851

To Spray Alfalfa Stubble

Growers who have observed the feeding of alfalfa weevil on their first cutting of alfalfa should spray the field within a few days after removing the crop. These small feeding worms will prevent normal second growth and reduce or eliminate the second cutting. Use the same materials as suggested for spraying the weevil for the first cutting Fields that have a southern exposure seem to be much heavier infested with the weevil and may need some protection Along the same line, second cutting of alfalfa should be sprayed for leaf hopper control when the growth is three to six inches high. Hopper damage was very severe last year and most crops will need this protection.

To Worm Sheep

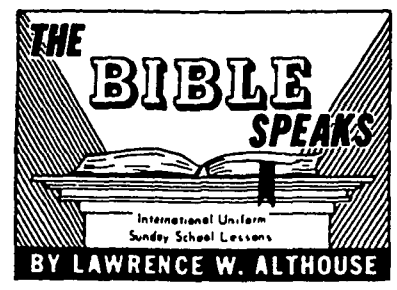
The stomach worm is still the most serious parasite of sheep in this part of the country. Wet weather along with warm temperatures make ideal conditions for worm infestation. All sheep producers are urged to treat their entire flock both in the spring and again in the fall. Lambs should be treated every four to six weeks. Pastures should be rotated in order to provide better grazing and to allow at least a two week rest period for the worm eggs to be destroyed by the sunlight and weather. Good flock management requires parasite control during the summer and fall season.

To Beware of Wild Cherry Leaves

The recent series of storms throughout the area reminded me that wilting or wilted wild cherry leaves are poisonous to all livestock. These trees are quite common in this area and many pasture fences are lined with wild cherry trees. Most animals will nourish these leaves as soon as the limb or tree is blown over. Producers are urged to check their pasture fields immediately after a wind storm and remove the wild cherry branches. Fresh leaves will not hurt animals; it is the wilting, wilted, or dead leaves that are dangerous. With only a few trees in the pasture area it might be well to cut them down or grub them out and remove the potential danger.

To Spray Tobacco Beds

Weather conditions have been favorable for the development of blue mold in tobacco beds. This disease has been very destructive over the years and growers are urged to try to prevent it rather than try to cure it after the plants are inflicted. The use of Ferbam every three to four days during wet weather is recommended. The recent period of wet, cloudy days was ideal for this infection and it is feared the blue mold will appear in many beds. The plants are a bit late as it is and prevention is much quicker than the cure. The removal of the muslin during sunlight hours will help dry out the beds and harden off the plants.



LOVING THE LAW

Lesson for June 3, 1973

Background Scripture: Exodus 20.1, 2, Deuteronomy 5-32 through 6 3; Psalms 119-97-104, Matthew 5-17, Mark 12-13-17.
Devotional Reading: Psalms 119 97-104

One of the very harmful effects of the polarization that is taking place in American society is the controversy over our respect for the law. Unfortunately, it is often assumed that one is either for or against the rule of law in our society. If one upholds the value of law to insure stability and justice in country, he is labeled a "legalist." On the other hand, if one is critical of the legalistic approach to life, he is dubbed an "anarchist"

Rev. Althouse

To "fulfill" the law

This, in a sense, was the same controversy that raged in Jesus' own day concerning the Jewish law. Some people observed that Jesus followed the various laws in his daily life and probably concluded that, like the Pharisees, he was a legalist The Pharisees, on the other hand, found that when he deemed it necessary, he refused to abide by many of their rules and regulations. Their growing condemnation of the man from Nazareth was based almost wholely on his apparent disregard for the law

Jesus refused to be pulled into either camp. He refused to be identified by their criteria and insisted upon his own: "Think not that I have come not to abolish them but to fulfill them" (Matthew 5:17).

What this meant, as Jesus demonstrated again and again, that he was dedicated to the purpose of the law though not the letter of it. In fact, his denunciations of the Pharisees was based upon the judgement that the Pharisees, while appearing to be the guardians of the law, had forgotten about its purposes. Actually, he indicated, these men had come to deify the laws and forget the Lawgiver. The rules and regulations of the Pharisees made it increasingly unnecessary to have a vital relationship with God. The laws had become a substitute for him.

"How sweet are thy words"

William Temple, the British theologian, has put it this way: . . . no law, apart from a Lawgiver, is a proper object of reverence It is a mere brute fact; and every living thing, still more every person exercising intelligent choice, is its superior. The reverence of persons can be given only to that which itself is at least personal.

The purpose of the law was to bring people closer to God. When the laws were used as a substitute for him, they were perverting the purpose for which they had been given. The laws should lead us to the Lawgiver. This is why the psalmist could say: "Oh, how I love thy law!" (119:97). The laws upon which he meditated brought him ever closer to the Lord. Because they brought him wisdom and understanding he could sing, "How sweet are thy words to my taste" (119:103).

We can love the law only if we love the Lawgiver even more.

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Production to Rise Profits to Fall

Milk production in 1973 should exceed the 120.5 billion pound output of 1972 by more than a billion pounds, or about 1-1/2 per cent, the same increase as last year. Although milk prices are at an all time high, feed prices are even higher, thereby hurting the average farmer's profits.

Improved feeding and management practices were responsible for increased milk production per cow of 2.7 percent in 1972. The decline in milk cow numbers was only 1.2 percent because of rising milk prices, herd replacements, and an adequate labor supply.

Thus, dairy output continues to rise because production per cow is going up faster than the number of cows is going down. The farmer, therefore, will receive less for his milk this year unless demand is increased in 1973 and beyond.

Prices and Income

Gross farm income was a record 19 billion dollars last year. Dairy income was close to 7.2 billion and by all indications should be nearly 7.5 billion in 1973.

Milk prices are expected to remain high and may increase almost four to five percent over 1972.

However, inflated commodity prices and processing costs have contributed to a squeeze on farmers' incomes.

According to Truman F. Graf of the University of Wisconsin's Department of Agricultural Economics, 1972 farm milk prices increased only six percent but daily concentrate feed costs went up 21 percent. "Thus farm milk prices, and ultimately consumer milk prices, are not high when farm production costs are taken into consideration," states Graf.

Consumption of Dairy Products

Consumption of dairy products increased three percent in 1972 and per capita consumption rose one percent, the first such rise in 15 years.

The largest jump was in the consumption of cheese, a rise of 11 percent. Sales of fluid skim and lowfat milk were up 12.5 percent, and yogurt sales increased 43 percent! More modest gains were made in the sale of butter, cottage cheese and frozen desserts. In general, per capita consumption of low fat products has been increasing steadily, while consumption of high fat foods is declining.

One of the factors contributing to increased demand of dairy products is thought to be higher meat prices. Milk and related products are an excellent lower-cost source of protein. Also, increased dairy promotion, higher consumer incomes, and a broadened government food stamp program may have helped the rise in demand.

The increased interest in some dairy products will continue in the coming year. The outlook for cheese sales should remain bright and the demand for low fat dairy foods is expected to advance steadily. But the overall sales gains of dairy products are expected to be limited in 1973 and per capita consumption may decrease slightly.

Government Support

Because the rise in 1972 consumption was large enough to use up increased milk production, the USDA price support purchases were down about 20 percent from the 7.3 billion pounds of milk purchased in 1971. Due to government cost-cutting this trend will probably continue in the coming year.

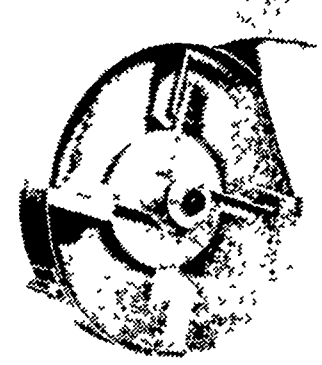
As of April 1, 1973, the support price for milk of average test is $5.29 per hundred pounds, an increase of 36 cents over last year. This figure is estimated to be the minimum 75 percent of parity, and should produce an adequate supply of milk for the nation.

Foreign Trade

Dairy exports were over twice as large as dairy imports during the first five months of 1972, but the next seven months brought a dramatic drop in exports due to increased milk production in other major dairy countries.

Total dairy exports were almost 1.5 billion pounds in contrast to 1.7 billion pounds of imports. Due to Common Market restrictions, increased world milk production and limited United States import restrictions, the export-import situation for dairy products is not likely to improve in 1973.

JAMESWAY VOLUMATIC
Silage Distributor-Unloader



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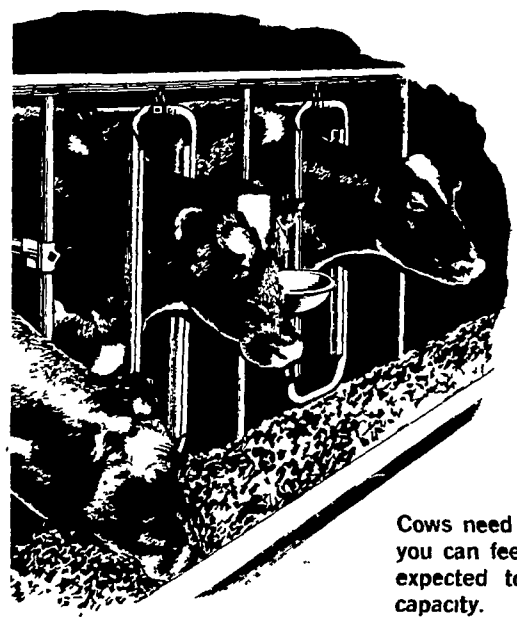

COWS NEED THE BEST!

Cows need the best feed that you can feed them if they are expected to produce milk to capacity.

Red Rose 14 - 16 - and 18 Test Cow Feeds are part of the Red Rose Programmed Dairy system These feeds are some of the best dairy feeds we know how to make Red Rose Test Cow Feeds are coarse granular textured feeds — high in fat, minerals, very palatable, and made from top quality grains and proteins

The Red Rose Programmed Dairy helps you to determine daily nutrient requirements of your cows, and using your available roughage shows what additional nutrients are required, the amount of roughage recommended, and the dairy feed to use

Why don't you use RedRost Dairy Feeds? It's a way to profitable milk production

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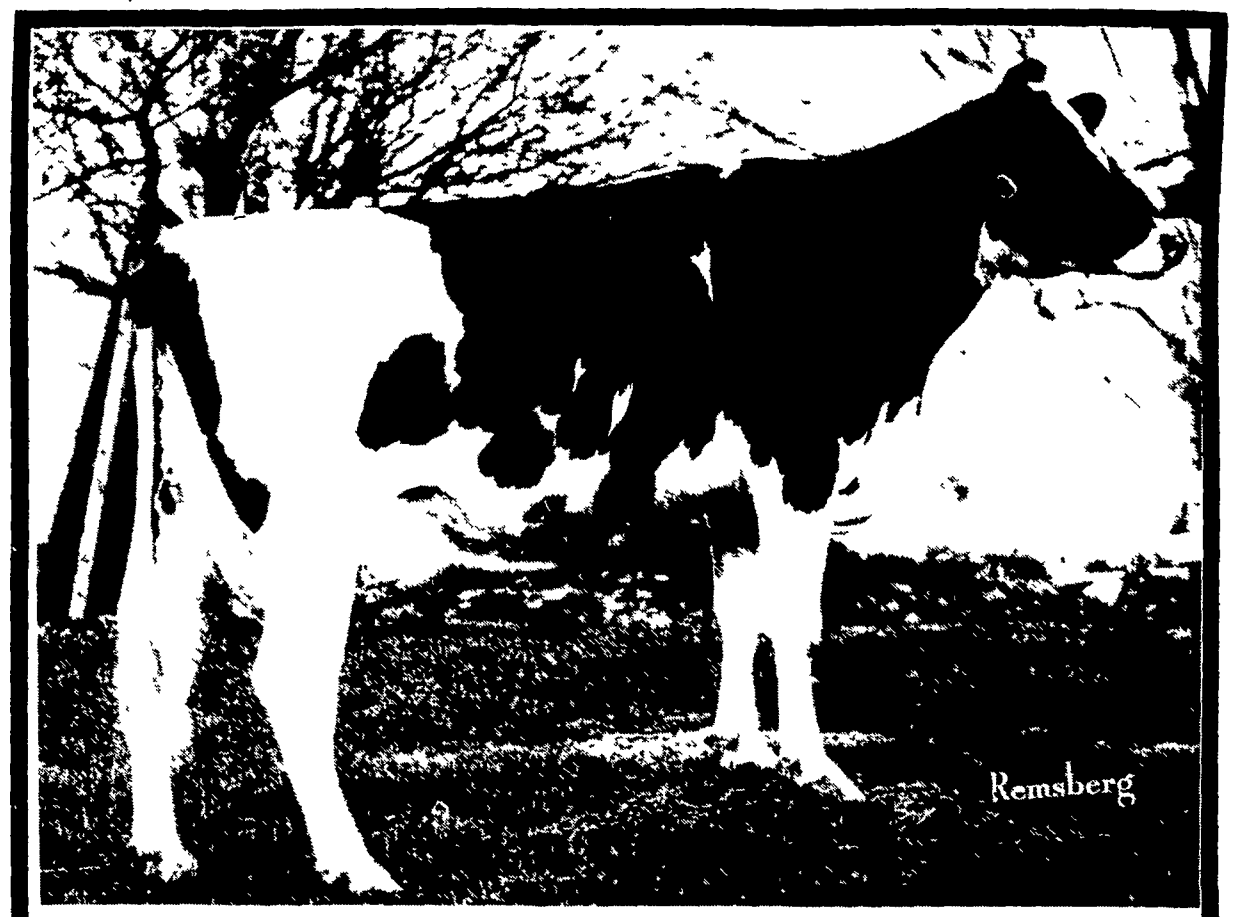

KRAWOOD CHARMING MOLLY, VG-87, 3-5 365 20,638 3.5 722

VIGO CHARMCROSS, EX-91

. . .is siring cows like Molly, our June Dairy Month Queen, all over SIRE POWER country. The May USDA Sire Summary points out the superior milk production of his tall, stretchy, broad rumped daughters.

USDA 5-72 +561M +.12% +38F +$48 87%R

NOW AVAILABLE! The May USDA Sire Summaries. Call

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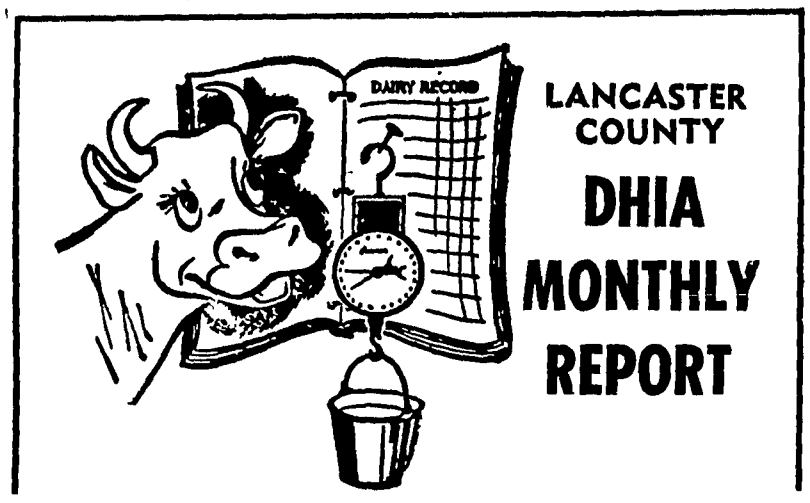

A Holstein cow owned by John B. Stoltzfus, Ronks RD1, completed the highest lactation. Jane produced 18,224 pounds of milk, 818 pounds of butterfat with a 4 5 percent test in 304 days. Second high lactation was completed by a Registered Holstein cow owned by Aaron E. Beiler, Paradise RD1. Nan produced 17,859 pounds of milk, 815 pounds of butterfat with a 4.6 percent test in 305 days.

The herd of Nelson H. Wenger had the highest daily butterfat average. This herd of 10.0 Registered Holstein cows averaged 57.8 pounds of milk, 2.35 pounds of butterfat with a 4.1 percent test. The herd of Rufus G. Martin, Ephrata RD3, placed second. This herd of 28 Registered Holstein cows averaged 62.9 pounds of milk, 2.25 pounds of butterfat with a 3 6 percent test.

FIRST 305 DAYS OF LACTATION WITH 600 OR MORE POUNDS OF BUTTERFAT.

Owner - Name	Breed	Age	Days	Milk	Test	Fat
John B Stoltzfus						
Jane	GrH	8-1	304	18,224	4.5	818
Aaron E. Beiler						
Nan	RH	5-9	305	17,859	4.6	815
Annette	RH	9-3	305	17,970	4.0	715
Treba	RH	8-9	305	15,403	4.4	684
Teddy	RH	5-5	282	14,057	4.4	623
Lester M Weaver						
68A	RH	7-10	305	19,860	4.1	810
John M Harnish						
Kathy	RH	6-9	305	21,926	3.7	801
Missy	RH	2-7	305	21,389	3.2	695
Sheba	RH	7-4	305	19,913	3 5	689
Connie 2	RH	3-7	305	15,697	3 9	610
Tena	RH	3-5	305	19,842	3 1	606
Earl L Hershey						
200	GrH	6-10	305	16,689	4 8	793
161	RH	4-2	305	15,691	4 1	636
Benuel F Stoltzfus						
Jene	GrH	5-8	305	17,180	4 5	776
Amos E King Jr						
Burke	RH	6-9	305	19,373	4 0	768
Sharon	RH	7-11	305	20,250	3 8	764
S R Shellenberger						
Harmony	RH	8-6	305	17,424	4 4	768
Kay	GrH	6-11	305	19,020	4 0	765
Chime	RH	4-9	227	14,296	4 3	619
Nonie	RH	4-11	302	15,569	3 0	607
Paul S Horning						
Dinah	GrH	4-7	305	20,322	3 8	766
Charlot	GrH	5-5	305	15,946	4 4	703
Joy	GrH	4-4	305	18,420	3 6	672
Martin N Heisey						
Mickie	RH	4-7	305	19,077	4 0	766
Nathan E Stoltzfus						
Salome	RH	6-7	305	17,753	4 2	754
Raymond W Burkholder						
11	RH	5-3	305	16,947	4.4	754
24	GrH	5-1	305	17,618	3.9	695
28	RH	6-2	305	15,854	4 1	647
8	GrH	3-11	305	14,339	4 4	632
Elmer S Myers						
Sheil 51	GrH	6-5	305	17,312	4 3	751
Elmer S Stoltzfus						
Elm	RH	4-10	305	17,556	4 3	749
Fancy	RH	7-6	283	14,741	4 1	609
David S Smucker						
Roeland	RH	8-2	305	18,802	4 0	746
Korndyk	RH	4-4	300	17,712	3.7	651
John L Beiler						
Elsie	GrH	4-10	281	16,247	4 6	746
Norma	GrH	2-7	305	15,068	4 2	626
Paul B Zimmerman						
Jane	RH	11-3	305	18,985	3 9	744
Ben S Stoltzfus						
Mae	RH	3-4	305	17,633	4.2	744
Cora	RH	4-7	282	14,622	4 2	618
Harold M Shenk						
NY	RH	7-2	305	21,185	3 5	743
Nelson E Martin						
Lady	RH	3-6	305	16,547	4 5	738
Calvin D Beiler						
Snukie	RH	6-10	305	18 650	3 9	735
Donald S Eby						
Anne	RH	9-7	305	20.064	3 6	732
K B Jenny	RH	5-9	305	18.205	3 9	708
Titus B. Stoner						
K Molly	RH	5-6	305	18,981	3 8	730
Harry S Aungst						
Fancy	RH	6-7	305	16,695	4.3	724
Christian Zook						
Peggy	GrH	5-7	305	19,066	3 8	722
J Z Nolt						
Babs	RH	3-5	293	16,624	4.3	722
Sally	RH	6-3	305	17,479	4 0	702
Polly	RH	3-7	305	15,805	4 4	697
K D. & Else Linde.						
Rose	RH	5-9	305	15,533	4 6	722
Curtis E Akers						
Beth	RH	6-5	305	14,758	4.9	716
Herbert & Rhelda Royer						
Jem	RH	9-3	305	20,502	3 5	713
Merri	RH	10-6	305	17,105	4.0	689
Kenneth A Skiles						
Julie	RH	6-9	305	16,695	4.2	703
Post	GrH	4-10	305	19,101	3 2	605
Noah Kreider & Sons						
31	GrH		305	16,638	4 2	703
Hiram S. Aungst						
Browny	RH	6-9	300	17,415	4 0	696
Rufus G Martin						
30	RH	4-7	305	19,449	3 6	694
Arlene S Longenecker						
Elsa	RH	6-9	305	16,566	4 2	694
Henry E Kettering						
82	RH	7-0	305	19,426	3.6	692
Bright	RH	2-5	305	14,297	4 4	632
J. Kenneth Hershey						
Juliana	GrH	4-5	305	15,016	4.6	692
Sunny	RH	5-8	305	17,794	3 4	608
Jay C. Garber						
I Wazer	RH	3-11	305	16,264	4 2	691
Lloyd Wolf						
Mildred	RH	6-2	305	16,166	4.3	691
Penny	RH	5-11	305	17,120	3 6	612
Ezra M Martin						
Audrey	RH	5-5	305	17,245	4 0	690
Flora	RH	3-7	305	13,642	4.7	638
Jonas S Nolt						
Millie	RH	7-4	305	17,320	4 0	689
Andrews & Bartsch						
Holly	RH	4-6	305	19.927	3 4	687
J Harold Musser & Son						
3	GrH	7-9	305	18,412	3 7	687
John P Lapp						
Inka	RH	4-4	305	15,721	4 4	686
B F & Mary Eshelman						
125 Ruth	RH	3-11	305	16,620	4 1	680
John L Landis						
Lele 34	RH	4-11	305	18,101	3 7	677
LeRoy Smucker						
Betsy	RH	5-6	295	14,876	4 5	675
Pearl	RH	9-7	305	15,267	4 0	612
John U Glick						
Joan	RH	5-9	305	17,473	3 9	674
David B King						
Sandra	RH	8-3	305	16,527	4 1	674
John R. Sauder						
Liz	RH	6-9	305	16,725	4.0	671
Walter E Mowrer						
9	GrH	11-1	305	18,119	3.7	669
Charles Tindall						
Pam	RH	7-6	305	16,606	4.0	669
Lubee	GrH	4-7	305	13,981	4 5	624
Clair M Hershey						
Jule	RH	9-2	305	15,509	4 3	668
Albert Breneman						
Judy H	RH	4-0	298	18,743	3 6	666
Gerry	RH	6-0	292	13,620	4 5	615
Melvin J Shertzer						
Cookie	RH	5-5	305	17,022	3 9	665
Lester J Wiker						
Decca	RH	6-3	305	15,624	4 2	663
Paul V. Nissley						
Sugar	RH	4-3	305	17,871	3 7	662
Glenn E Burkholder						
Princes	RH	4-3	279	15,473	4 3	660
John & Elam Rutt						
Martha	RH	3-6	305	19,542	3.4	657
Mervin M Weaver						
Judy	GrH	8-2	305	14,831	4.4	652
John B Groff						
Vicky	RH	4-3	305	16.613	3 9	651

(Continued On Page 13)

Facts for Dairymen

by

N. Alan Bair, Assistant County Agricultura Agent

Dairyman -- Support Your Industry

So June is "dairy month" – Big Deal! Is this a reflection of your attitude or reactions? Few industries have a whole month set aside for the promotion of their product. Does the Dairy industry claim the whole month of June because they have such a vital product to promote, or because it takes the dairy industry a whole month to get moving? By your convictions and actions you better prove the first choice to be the best answer

How have you contributed in the past year to the promotion of milk? If you happen to sell milk into order 4, you had an opportunity to contribute a very small portion of each milkcheck to the advertising of your product. If you sell your milk to a local dairy, you also had an opportunity to contribute to some local advertising. Did you contribute?

Actual dollars are not the only way to give your industry support The old addage about flies, honey and vinegar, is very applicable. In this case, good quality milk is pure honey, while poor quality, off flavor milk is the vinegar of your industry.

The consumer is more critical of the food industry every day The dairy industry traditionally has had the strictest of quality and sanitation regulations But tradition and regulations will not insure a quality product if you do not do your part every day To the consumer, quality means two things shelf-life and flavor Certainly shelf-like is a direct measure of sanitation from milky pail to consumer package – get it off to a good clean start Flavor is just a little more complicated than even sanitation

Flavor or "off flavor" can be the result of many factors, most of which are under your control Just on May 24th I had a call concerning strong garlic -- wild onion taste in milk produced right here in Lancaster County! Even though my call was not the result of a consumer complaint – how many consumers were offended by this off flavor? A terrible price to pay, for one dairyman's mistake Get those cows off pasture before lunch if you have any feeling that there will be a grass or garlic flavor in the milk. Sour, high moisture corn silage from the bottom of an upright silo can also cause flavor problems Use good feeding management as a means of producing quality milk

How is your public image? If you were a consumer and you drove past your farm – would you want to drink milk that was produced under these conditions? Overflowing liquid manure pits, manure carelessly sloped on the driveway or public road, junked machinery, cows up to their bellies in mud and manure, broken windows, dead calves out back, dirty windows, broken fences, "country smell", and on and on. Sure you may be able to produce a high quality product under these conditions, but does the consumer know that. Let's remember to look at things from the otherside of the consumer fence once in a while

So Mr Dairyman, let's get off dead center, take advantage of a good situation and do something for your industry Some promotion on your part, no matter how small or what form it might come in, will certainly be a worthwhile contribution to your industry.

DHIA Monthly Report

(Continued From Page 12)

Wilmer G. Kraybill						
Millie	RH	7-10	305	18,715	3.5	649
James M. Eshelman						
Vale	RH	4-7	305	17,573	3.7	647
Masonic Homes Farms						
Sun Peg	RA	10-3	305	15,872	4.1	646
Betty	RA	6-9	305	14,394	4.3	616
Ivan S. Stoltzfus						
Marie	RH	4-8	305	16,416	3.9	645
Reginia	RH	5-3	287	16,157	4.0	640
Ernest J. Sauder						
Barbie	RH	4-3	305	17,364	3.7	644
Robert & Richard Landis						
Model	RH	4-10	305	17,044	3.8	643
Thomas C. Lapp						
Debbie	RH	3-7	305	19,001	3.4	642
Paul H. Hursh						
26	GrH	3-4	305	17,423	3.7	641
Lancaster Mennonite Hospital						
P. Gose	RH	6-5	305	15,530	4.1	641
Tolive	RH	3-2	305	15,263	4.0	616
Paul W. Zimmerman						
99	GrH	3-3	305	15,228	4.2	641
George M. Hurst						
Chris	RH	10-6	299	14,481	4.4	641
Robert F. & Joan B. Book						
Lou	RH	9-7	305	15,897	4.0	636
Lassie	RH	2-0	305	15,368	4.1	628
Allen Lee Stoltzfus						
Beulah	RH	3-9	282	15,797	4.0	631
Amos F. Miller						
Dawn	RH	5-1	305	14,467	4.3	629
Robert W. Ulrich & Son						
Amanda	GrH	4-8	305	11,910	5.3	629
Arlin L. Balmer						
Charlot	GrH	4-8	303	15,175	4.1	628
Jenny	RH	6-5	305	16,788	3.6	609
G. M. Weaver						
32	GrH	8-0	305	18,299	3.4	621
Sam & Allen Kreider						
Carol	RH	9-7	305	16,947	3.7	621
Janie	GrH	4-7	305	16,224	3.8	610
Ray P. Bollinger						
Arlene	RH	5-9	305	15,882	3.9	620
Erma	RH	4-2	305	16,612	3.6	600
Kenneth L. Beiler						
Flashy	RH	3-6	305	16,195	3.8	619
John B. Ranck Jr.						
S. Girl	RA	6-11	305	14,625	4.2	619
S. Bety	RA	6-10	305	13,971	4.4	617
J. Mowery Frey						
Cindy	RH	9-4	305	16,225	3.8	618
John S. Wenger						
Ellen 38	RH	3-9	281	16,091	3.8	616
Albert H. Mellinger						
May	RH	7-1	305	16,876	3.6	614
C. Nevin Hershey						
Ronda	RH	4-5	305	17,238	3.6	613
J. S. Stauffer Jr.						
Nora	GrH	4-6	305	16,068	3.8	613
Reid & Holloway						
189	GrH	5-8	305	15,332	4.0	613
John K. Stoltzfus						
Jane	RH	4-10	305	16,567	3.7	611
B. H. & D. R. Hershey						
Dora	RH	4-7	305	14,819	4.1	609
Edwin J. Landis						
Vickie	RH	6-8	305	17,685	3.4	608
Edward S. Glick						
Pet	RH	6-5	305	16,808	3.6	608
Amos B. Lantz						
Daisy	RH	10-0	292	18,000	3.4	607
George & Doris Hough						
Jewel	RJ	4-10	305	13,379	4.5	606
Harry M. Brennman						
Lassie	RG	9-7	305	12,379	4.9	605
Luke Ray Zimmerman						
34	RH	5-11	305	16,797	3.6	604
John S. Yost						
Toni	RH	2-8	304	12,977	4.7	604
Jacob S. Dienner						
Whity	GrH	6-9	271	16,203	3.7	603
D. George Beiler						
Harriet	RH	5-7	285	13,565	4.4	603
Melvin M. Groff						
Anna	GrH	4-10	305	12,500	4.8	603
J. David Shank						
Betty	GrH	3-11	305	16,318	3.7	600
Harold L. & Don Risser						
Darla	RH	3-5	305	14,696	4.1	600
Samuel M. Augsburger						
Orpha	RH	7-3	305	14,481	4.1	600
Roy H. & Ruth H. Book						
Lucy	RH	9-10	291	13,483	4.5	600

HIGH DAILY BUTTERFAT AVERAGES

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs.
Nelson H. Wenger							
	RH	16	10.0	100.00	57.8	4.1	2.35
Rufus G. Martin							
	RH	28	24.8	87.9	62.9	3.6	2.25
Allan R. Shoemaker							
	R&GrH	20	43.6	100.3	55.2	3.8	2.11
Edgefield Farms							
	R&GrH	29	59.6	89.4	50.7	4.0	2.04
Dan S. Stoltzfus							
	R&GrH	28	39.5	95.3	52.3	3.9	2.02
Jacob S. Dienner							
	R&GrH	42	33.4	97.2	59.8	3.4	2.01
Henry E. Kettering							
	RH	34	49.6	90.2	48.2	4.1	1.99
Amos & Eleanor Hershey							
	R&GrH	28	25.8	91.5	44.3	4.5	1.98
Samuel F. Long							
	R&GrH	29	42.0	97.0	53.4	3.7	1.95
John P. Lapp							
	R&GrH	33	36.6	95.9	51.6	3.8	1.94
Ivan S. Stoltzfus							
	R&GrH	30	38.5	92.5	49.1	3.9	1.91
Paul B. Zimmerman							
	RH	35	32.5	85.6	45.8	4.1	1.90
Henry & Paul Martin							
	RH	29	33.9	94.6	52.0	3.6	1.89
Elmer H. Weber							
	R&GrH	34	40.8	94.9	51.4	3.7	1.89
Conewago View Farms							
	R&GrH	28	51.9	94.4	46.0	4.1	1.89
Titus B. Stoner							
	R&GrH	32	35.0	97.2	48.2	3.9	1.89
Ammon E. Reiff							
	R&GrH	32	23.4	91.2	48.3	3.9	1.89

Cows On Test Show Bigger Returns

Dairy Herd Improvement Association (DHIA)records show that 48 cows producing at the average level of all DHIA cows return as many dollars over feed costs as 73 non-tested cows. The DHIA cows averaged 12,965 pounds of milk per cow compared to 8,982 for non-tested cows.

Extension dairy specialist Herbert C. Gilmore at The Pennsylvania State University, explains that the extremes in production levels show even greater differences in number of cows needed for $25,000 above feed costs. At the 19,000-pound level, 30 cows are needed while a dairyman needs 111 cows that only produce 7,000 pounds of milk per year. The extra labor and other costs at the lower levels make it impossible to show a profit.

There is a large difference in levels of production for individual cows in most herds and only by keeping records can the unprofitable ones be culled and greater returns be realized by the dairyman, says Gilmore.

Dairymen considering additional sources of income should carefully study the levels of production in their present herd before deciding to increase the number of animals in their herd.

It could be more profitable to study feeding and management practices carefully to improve present levels of production, adds Gilmore.

New Cooperators

The Lancaster County Conservation District announces the following new cooperators:

Willis Nolt, Fulton Township, 100 acres; Robert H. Crompton, Colerain and Little Britain Township, 1495 acres, and New Holland Jaycee's, Earl Township, five acres.

WE NOW OFFER
DAIRYMEN AND BEEF OWNERS

A GREATER SELECTION OF

BEEF and DAIRY SIRES

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WE OFFER SEMEN FROM ALL WEST BREEDERS - CARNATION - PLUS OTHER SIRES SELECTED BY...

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1966 G.M.C. Tri-axle dump
(2) 1964 Ford 10 wheel dump
1963 Chevy 10 wheel dump
Mack 10 wneel dump
1956 Reo 10 wheel dump
1960 Chevy single axle dump
1962 Ford single axle dump
1968 Ford W1000 Truck-tractor
1955 Mack truck tractor
1961 G.M.C truck tractor
1958 Mack truck tractor
1970 Int. C4070A truck tractor
1966 Ford 750 twin screw cab and chassis (automatic)
1967 Ford 700 cab and chassis
1968 G.M.C. 5500 cab and chassis (diesel)
1970 Ford Louisville (you must see to appreciate)
1965 Ford single axle dump
1965 G.M.C. 4000 Flat bed
1970 Ford 10 wheel dump
1963 G.M.C. 10 wheel dump
(2) 1972 Int. Transtar - 318 engines - excellent
1963 Int. single axle dump
(5) 38 ft. Flat trailers.
35 ft. Flat trailer
1959 Ford Single Axle Dump
1968 Ford Tilt Bed & Winch
2-3-4 Axle Tag-a-long Trailers

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Jay Garber and Abuna Theopolis, Patriarch of the Ethiopian Orthodox Church, discuss soil erosion techniques (top), while a member of the Patriarch's party (below) listens attentively.

A trip to the milk house led to a discussion on automation in the dairy industry between Jay Garber, left, His Holiness, Abuna Theophilos, and Getaneh Bogale, right, director of Ethiopia's Development Committee.

Ethiopia

(Continued From Page 1)

of the high mountains. There is abundant rainfall, and the volcanic soil is extremely fertile. Because the soil has a high volcanic ash content, however, Garber noted that many fields are subjected to severe erosion.

When the Patriarch arrived at the 128-acre farm, one of the first items on the agenda was a walk to a no-till corn field. Garber explained the reasons for no-till and pointed out the terraces and diversion waterways he's had installed on his farm to control erosion.

One of the Patriarch's party who took special interest in Garber's explanations was Getaneh Bogale, director of the country's development committee. Bogale told this newspaper that farming in his country is still very primitive, and that perhaps 80 percent of the people are engaged in subsistence agriculture.

He said the automation on the Garber farm was very interesting, but he pointed out that automation in Ethiopia would probably cause more harm than good "If we were to use machines to do the work, instead of people, we'd have a lot of people with no jobs," he explained. "We want to improve our agriculture, and we're trying to develop an educational system that will help us do that, but we must proceed very carefully."

At the Garber farm, the Patriarch's party viewed the milking and feeding processes, listened to an explanation of the benefits of artificial breeding and toured the milk house In the evening, the party was hosted at a banquet in the Bird-in-Hand Motor Inn.

Pa. Auction Summary

Weekly Summary
19 Livestock Markets
Week Ending May 25

CATTLE 6695, compared with 6402 head last week, and 6353 head a year ago. Compared with last week's market, slaughter steers mostly steady to 50 cents lower, except Standard steady to 50 cents higher. Slaughter cows steady to 25 cents higher. Slaughter bulls mostly steady.

STEERS: High Choice and Prime 46.85-48.25, Choice 45.00-47.25, Good 42.50-45.25, Standard 40.50-43.50, Utility 38.70-41.25.

HEIFERS: Choice 42.50-44.85, Good 40.00-43.50, Standard 39.00-41.00, Utility 37.00-39.50.

COWS: Utility and High Dressing Cutter 36.00-39.00, Cutters 34.50-37.25, Canners 31.50-35.10, Shells down to 28.00.

BULLS: Choice 43.50-47.10, Good 41.75-44.50, Utility and Commercial 40.00-46.00.

FEEDER CATTLE: Good 300-800 pounds steers 47.00-58.00. Good 350-600 pounds heifers 44.50-52.25.

CALVES 3065, compared with 2845 head last week, and 3359 head a year ago. Vealers steady to $2 50 higher.

VEALERS: Prime 72.00-78.50, Choice 67.00-74.50, Good 64.00-72.50, Standard 60.00-69.00, few Utility 90-120 pounds 56.00-64.00, few 70-85 pounds 70.00-85.00.

FARM CALVES: Were active. Holstein bulls 80-135 pounds 65.00-98.50; Holstein heifers 80-150 pounds 76.00-103.00, few to 110.00.

HOGS 6640, compared with 6966 head last week, and 6768 head a year ago. Barrows and gilts steady to $1 higher.

BARROWS AND GILTS: US 1-2 205-230 pounds 38.50-40.00, 2-3 195-245 37.90-39.50, 2-4 185-255 37.40-38.80, 2-4 100-180 32.00-38.00.

SOWS: US 1-3 300-550 pounds 30.00-35.25, 2-3 300-650 28.25-31.25.

BOARS: 25.90-30.50.

FEEDER PIGS 868, compared with 808 head last week, and 529 head a year ago.

US 1-3 20-35 pounds feeder pigs 19.00-27.00 per head, 1-3 35-50 25.00-32.00, 1-3 50-85 29.00-38.00 per head.

SHEEP 891, compared with 796 head last week, and 857 head a year ago. Spring slaughter lambs 25 cents to $2 lower.

SPRING LAMBS: Choice 40-60 pounds 40.00-46.50, 60-95 37.00-41.25, Good 60-80 35.50-39.50. Slaughter ewes 6.50-20.00.

New Dairy Candies On The Market

Creamery candies made from butter, milk and cream are being test marketed by one large food processor, according to Sidney E. Barnard Extension dairy specialist at The Pennsylvania State University They were developed under a cost sharing project with Dairy Research Inc. (DRINC).

These candies will contain more protein, vitamins and minerals than most confections because of the addition of dairy ingredients.

The line of six candies will be refrigerated and open dated to assure freshness. Flavors include fudge, chocolate, orange and pecan. Varieties will include all butter fudge, chocolate cream caramels, orange chocolate creams and three others.

The name of DRINC, the dairy farmer supported research organization, will appear on all packages. This is the first cooperative effort in product development between dairy farmers and a national food company, points out Barnard.

If test marketed successfully, you'll be able to find these new dairy candies in the dairy case of your local store.

How To Build A Dairy Herd

Building a dairy herd is a long-time task. A few basic principles, properly followed, will help substantially, Dexter N. Putman, Extension dairy specialist at The Pennsylvania State University.

A dairyman should like cows and treat them gently, feed them well and make sure they are comfortable and contented, he emphasizes.

He must decide also on the breed he wants and establish goals of production and type for those cows. He must be determined to cull closely to achieve his goals.

The dairyman who keeps records knows what his herd is producing. He has his herd enrolled in a testing program, preferably DHIA, and also classifies his cows for type, either officially or unofficially, explains Putnam.

This dairyman also takes time to study his records and decide for himself which cows should be culled, what changes in management practices will pay off and what bulls should be used to breed what cows.

The true dairyman makes the most of the best by selecting his cows to mate to the best bulls available. He culls on the basis of sound information rather than sentiment and he grows his calves properly to get top replacements for top cows, adds Putnam.

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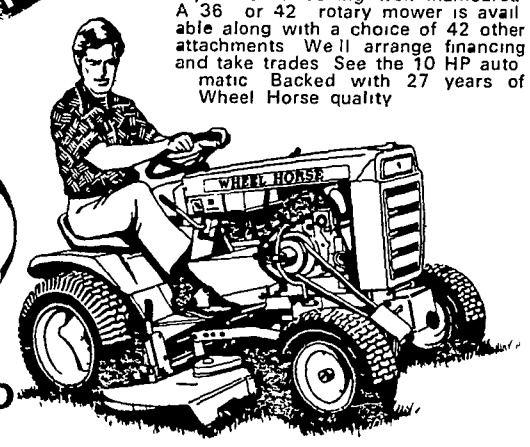

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Dairy Reference Manual Available

The 1970's will be the decade of the "management revolution" in the dairy industry and the man who survives will be a dairyman who can manage cows and large amounts of capital and also properly use the technical services of ag industry.

"The professional dairyman needs many facts in reference form to make sound management decisions," says Donald L. Ace, Extension dairy specialist at The Pennsylvania State University. To help make more information available a new "Dairy Reference Manual" has been Prepared by Ace and published by the College of Agriculture.

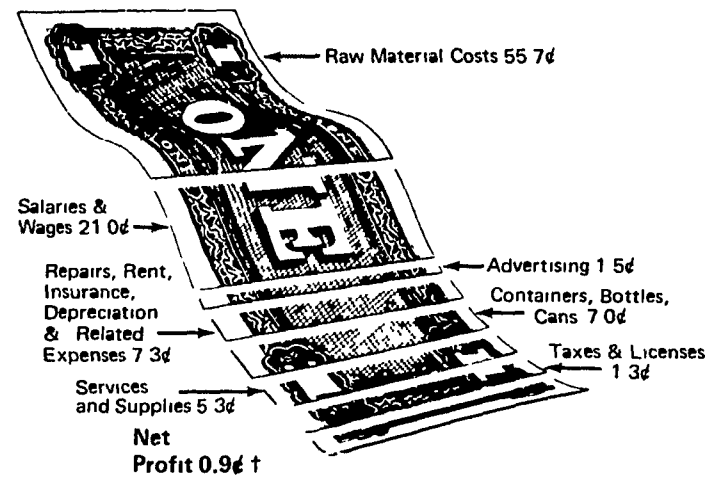
The professional people in ag industry who service the modern dairy farms of today also need factual resource information to properly service the "new breed" of dairymen, says Ace.

The new Penn State publication has been designed to be a catalog of facts for the professional dairyman and personnel who furnish supplies and services for the dairy industry.

Topics covered in the book include milk quality and product technology, diseases and parasites, breeding and selection, physiology of reproduction, feeding, milking equipment, structures and barn equipment, and farm management data.

The 216-page book may be purchased for $3 plus six percent sales tax. Make check or money order payable to The Pennsylvania State University and send with your name and address to DAIRY MANUAL, Box 6000, University Park, Pa. 16802.

WHAT BECOMES OF THE MILK DISTRIBUTOR'S INCOME DOLLAR


Raw Material Costs 55 7¢
Salaries & Wages 21 0¢
Repairs, Rent, Insurance, Depreciation & Related Expenses 7 3¢
Services and Supplies 5 3¢
Net Profit 0.9¢ †
Advertising 1 5¢
Containers, Bottles, Cans 7 0¢
Taxes & Licenses 1 3¢

HIGHLIGHTS

- ***Net Profit** for the milk distributor is normally *less than 1% of the consumer's milk dollar*
- **Almost 77% to dairy farmers and labor—and increasing!
- **Over 12% for containers and other supplies—and increasing!
- **Taxes & Licenses—nearly double the milk dealer's profit!

† After income taxes

Chart shows composite results of numerous studies conducted over several years

MILK PRICE VS. WAGES

If food prices had kept pace with wage increases, what would a quart of milk cost you at the store? Average hourly wages in industry have increased from $1.52 per hour in 1952 to $3.65 in 1972. If food prices had increased at the same rate (2.4 times their 1952 level) your food bill would be much higher.

PRICE OF A QUART OF MILK
(What it was, is and should be)

1952 Annual Average Price	1972 Annual Average Price	1973 February Average Price	Today's milk price if it had gone up as much as wages in the past 20 years (1952 72)
23¢	30¢	31¢	55¢

Clean Milking Equipment Twice Daily

Milking equipment on dairy farms is washed after each use just like the dishes from which we eat. Milking is done twice a day, so cleaning follows immediately after, says county agent Sidney E. Barnard, Extension dairy specialist at The Pennsylvania State University

Years ago milking equipment was rinsed in clear water after night milking and washed after morning milking In those days milk was delivered to the consumer the same day it was produced. Today milk must keep at least seven to 10 days from production to consumption This mandates the utmost in sanitation.

All milking equipment should be rinsed in lukewarm water following use. Cleaning is done with an alkaline cleaner and brush or circulated with a pump Proper strength and temperatures above 110 degrees F are keys to success. Rinse with clear water or an acidified rinse, if the water is hard.

Milking equipment must be free of bacteria, so milk will have good keeping quality says Barnard. Dairy farmers must go one step beyond what most housewives use for dishwashing. All surfaces are flushed with a solution of chlorine or iodine sanitizer. Hot water can't be used because temperatures of 170 degrees F are necessary to sterlize equipment surfaces.

Dairy farmers follow twice-a-day cleaning and sanitizing practices for their milking equipment The purpose is to assure consumers of good quality fluid milk products, adds Barnard

"Every Month is Dairy Month when you have milking daughters of Atlantic Genetic Power Profit-Maker Sires!"

SHORT OF MILK? CALL ATLANTIC FOR HELP!
(USDA sire summaries, May - 73

sire	daus	milk	fat	value	rpt
15H123 Whittier Farms Apollo Rocket--GP & PQ	62	+1,413	+23	+$62	73%
15H136 Paclamar Triune Complete--VG & GM	40	+1,149	+32	+$61	39%
15H120 Harrisburg Gay Ideal--EX & PQ	130	+976	+24	+$49	84%
15H103 Penstate Ivanhoe Star--VG & GM	2,017	+912	+39	+$60	99%
15H165 Producer's Skylark Comet--GP	25	+880	+26	+$48	33%
1H130 Harborcrest Marcus--GP & TQ	219	+837	+ 1	+$26	90%
15H141 Sterlingdale Pioneer Admiral--EX & PQ	25	+758	+ 7	+$29	29%
15H114 Kilinsdale Ivanhoe Jack--VG & GM	2,591	+701	- 5	+$17	99%
15H144 Howacres Stylemaster Prince--VG & GM	30	+608	+ 8	+$25	55%
26H81 Skokie Duke Medalist--VG & PQ	169	+570	+ 1	+$18	89%
15H100 Mookown Optimist--VG & PQ	660	+481	+ 2	+$16	97%
G130 Welcome Flash's Hollirex--GS	127	+854	+41	+$59	86%
21G228 Roes-Mor E Distinction--GS	284	+517	+18	+$30	91%
1G107 Woodacres Emporer's Jupiter--GS	40	+398	+17	+$26	46%
15G108 Grain Meadow D Fortune--SS	92	+396	+ 9	+$19	41%
1J93 Secret Baronet--VG & GM	112	+781	+39	+$56	76%
15J48 B.S. Noble Superb--GM	23	+520	+18	+$31	36%
1J123 Favorite Friend--VG & SM	38	+482	+24	+$34	54%
A73 Mar-Ral Commander's Pride--VG & D Ap.	171	+1,084	+19	+$48	87%
BS140 Bright's Golden--EX & Sup	38	+532	+20	+$33	29%

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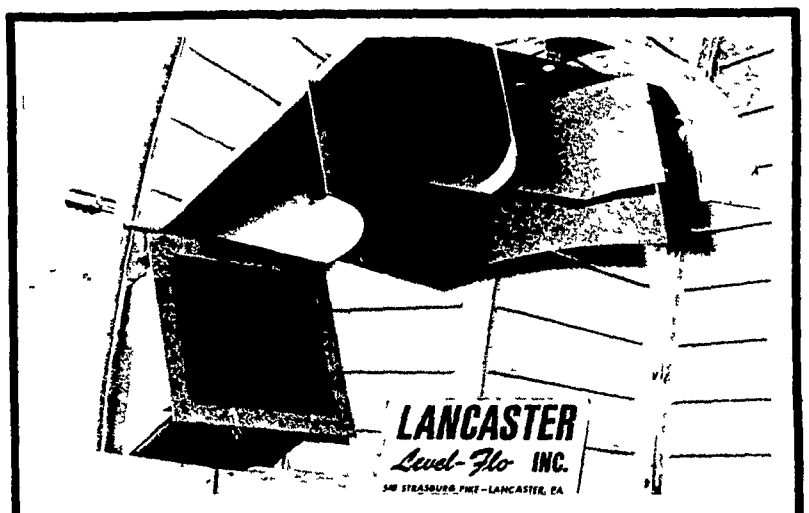

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stock number	make & model	gas or diesel	power steering	wide front	3 point	attachments	comments	price was	SALE PRICE now
21552	Oliver 1855	D	X	X	X		800 hours	7500	7250
21626	Case 1170	D	X	X	X		700 hours	10750	9500
21517	M F 165	D	X	X	X			2950	2300
21610	Oliver 1855	D	X	X	X		1700 hours	7500	7250
22191	J D 3010	D	X	-	X		1900 hours	3500	2920
21553	Oliver 1750	D	X	X	X	weights-cab	2100 hours	6500	5950
21602	Farmall M	G						1250	950
21425	Case 1030 CK	D	X	X	X	weights		5975	5250
22343	J D B	G						245	195
21588	J D 4010	D	X	X	X	turbo-charger		4800	3930
21074	J D 5020	D	X	X	X	weights	1700 hours	9500	8500
21782	J D 2020	D	X	X	X	weights		4000	3450
21298	J D 3010	G	X		X		2500 hours	3250	2796
22085	A C D17	D	X	X	X	weights	series IV	3750	3135
21574	Oliver 1950 G M	D	X	X	X	weights-cab	2000 hours	6950	6350
21732	J D 1020	G		X	X		2300 hours	3850	3450
21578	Farmall 340	G	X		F H	weights	1500 hours	1950	1575
22451	Oliver 770	D	X		X	weights		1275	775
21591	Farmall 450	G	X	X				2450	1750
21663	J D. 4020	D	X	X	X		2000 hours	8500	7500
22399	Ford 901	D	X		X			1000	750
21609	Oliver 1855	D	X	X	X		1400 hours	7500	7250
21185	Farmall 450	D	X		F H	weights		2450	1660
19585	J D G.	G		X				1000	875
21315	M F. 1100	D	X	X	X	weights	1200 hours	5950	4950
21457	A.C 180	D	X	X	X	weights	1900 hours	6100	5650
21434	A.C. D21	D	X	X	X	cab	new tires	7500	6500
21575	Int 240	G		X	X			1850	1275
21797	M F. 180	D	X	X	X			4750	3950
21905	J D 4010	D	X		X	weights		3900	3292
21212	AC 190XT	D	X	X	X		2300 hours, new tires	5500	4700
22185	Farmall M	G				weights		1250	1000
21781	Case 1030K	D	X	X	X		1300 hours	5500	4800
21573	Oliver 2150	D	X	X	X	cab-fender tanks	1300 hours	9400	8000
22424	Farmall BN	G				weights		475	275
19094	Case 530	D	X		X	weights	1900 hours	3250	2750
20089	Oliver 1600	G	X		X	weights		2975	2600
21421	J D. 4010	L P	X	X	X	weights		3750	3085
19246	J D. 520	G	X		X			1850	1500
19257	J D 2510	G	X		X		100 hours	4200	3494
21662	J D. 1010	G		X	X	weights	1600 hours	1650	1345
22425	Farmall BN	G				weights-cultivator		500	375
21340	Case 830	G	X	X	X	weights		2895	2275
22180	Case 770	D	X	X	X		Brand New	7750	7250
22174	Int 544	D	X	X	X		1400 hours	4400	3850
21852	J D 2510	D	X	X	X	weights	excellent rubber	4250	3550
22175	J D 3020	D	X	X	X	weights	excellent rubber	4500	3975
22097	Case 730 CK	D	X	X	X	bumper	2700 hours	4500	3750
20254	M F. 165	G	X	X	X		2200 hours	3750	2950
21742	M. F. 65	D	X	X	X	weights		2950	2500
22239	Int 300	G		X	F. H.	weights		975	675
19463	D B 990	D	X	X	X	weights	700 hours	3650	2850
20814	Oliver Super 55	G		X	X			1450	1250
21361	A C 190XT	D	X	X	X			5500	4600
20748	Case 930	D	X	X				2950	2325
21415	J D 3020	D	X	X	X	weights		5200	4500
21669	A C 180	D	X	X	X	weights	1300 hours	5900	5400
22095	Int 656	G	X	X	X	weights-Int 2000 loader		4700	4200
22190	J D B	G					excellent, rubber	750	675
21270	A C 170	D	X	X	X			3950	3385
22176	J D 2510	D	X	X	X		1900 hours	3800	3250
20699	Case 930	D	X	X				3350	2650
21420	J D 3020	G	X		X		2000 hours	3975	3505
22415	Fordson	G					Antique	200	250

TRACTORS

TRACTORS

TRACTORS

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TRACTORS

TRACTORS

TRACTORS

TRACTORS

SALE PRICE now	stock number	make & model	gas or diesel	power steering	wide front	3 point	attachments	comments	price was	SALE PRICE now
7250	22158	Ford 4000	D	X	X	X		1600 hours	4650	3950
9500	21181	J D 730	G	X		X			2950	2450
2300	21172	J D 3010	G	X		X		new tires	3250	2589
7250	21061	Int 4100	D	X	X	X	weights - cab - 1800 hours	4 wheel drive	14500	11600
2920	20723	A C D19	D	X	X	S. C	weights	2200 hours	3950	3455
5950	21627	Oliver 1950T	D	X	X	X	fender tanks		6500	5750
950	22177	A C 180	G	X	X	X	weights	1400 hours	5750	5225
5250	20429	M F 175	D	X	X	X		2500 hours	3950	3500
195	19457	M H 44	G				318 Chrysler V8	new tires	2400	1650
3930	21143	J D 3010	G	X		X	weights	1400 hours	3500	2884
8500	21741	J D 2510	D	X		X		1000 hours	3950	3355
3450	21730	Ford 3000	G		X	X	Dearborn snow plow	1600 hours	3650	3250
2796	22345	J D B	G				cultivator		650	495
3135	22076	J. D. 2510	D	X		X	weights	1600 hours	3975	3375
6350	20901	Oliver 1855	D	X	X	X		1000 hours	7500	7250
3450	21589	Int. 656	G	X	X	X	weights	2400 hours	4600	3800
1575	21576	Int. 460	D	X	X	X	F H	2300 hours	2400	1700
775	21465	MF 1130	D	X	X	X	weights	2400 hours	6950	5950
1750	21352	A C D19	D	X	X	X			3600	2910
7500	22380	Farmall H	G					like new tires	975	850
750	22202	J D 2020	G	X	X	X	J D 47 loader	600 hours	4950	4480
7250	22131	A C D19	G	X	X	X		excellent rubber	3500	3000
1660	22132	A C 170	G	X	X	X	tire chains bumper	400 hours	5500	4950
875	20655	A C D15	G	X	X	X		excellent rubber	2500	2235
1950	21359	Case 930 CK	D	X	X				3700	2950
5650	21467	JD 4020	D	X	X	X	turbo charger	completely overhauled	7000	6000
3500	19694	A C D17	G	X		S C.	weights		2400	1935
1275	21661	Case 730K	D	X	X	X	weights	2000 hours	4500	3750
3950	20425	Oliver 1650	D	X	X	X	weights	2400 hours	3800	3250
1292	19880	J D 4020	D	X		X			5800	4500
1700	19319	D B 1200	D	X	X	X		1200 hours	3950	3450
000	22398	Ford 850	G		X		weights - hydraulic loader		1675	1250
800	21731	Case 1090	D	X	X	X		1100 hours	9600	8500
000	22157	Ford 5000	D	X	X	X	weights	2000 hours	5250	4500
275	22416	J D 420	G		X	X	weights - row cultivator		1475	1250
750	21328	J D 2510	G	X		X		800 hours	4295	3850
600	21625	Ford 4000	G	X	X	X		1500 hours	4625	3950
085	22100	Farmall M	G				weights		1250	1000
500	19769	J D 730	D	X		X		new tires	2950	2250
494	22452	J D A	G	X					1000	875
345	20127	J D H	G				weights - plow cultivator		475	375
375	22127	Oliver 70	G				2 row mtd. picker		475	250
275	21798	J D MT	G						575	450
250	22152	Oliver 77	D						500	400
850	21886	Oliver 77	D						575	400
550	21966	Case VAC	G		X		loader		375	275
975	18938	Farmall M	G				N.I. 2 row mtd. super picker		2700	1750
750	20833	Farmall SM	G				2 MH Int Cornpicker		2600	1750
950	21058	Farmall M	G				N. I 2 row mtd. super picker		2950	1975
500	20834	Farmall SMTA	G				weights-Int 2 MH corn picker		2845	1850
375	19408	Oliver 1850	D	X		X			5425	4750
350	22354	Farmall 856	D	X	X	X	weights - cab	1700 hours	8600	7950
250	21990	M F 50	G	X	X	X	like new tires		2750	2350
600	22386	Cub 154	G		X		Rotary Mower		1750	1750
325	22459	Ford 600	G		X	X	2 X plow, snow blade		1795	1595
500	22476	Ford Jubilee	G		X	X			1450	1350
100	22479	Oliver 60	G						375	225
200	22499	M.F. 85	D	X	X	X			1875	1275
375	22500	Ferg 20	G		X	X			1275	975
385										
250										
650										
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Breeding And Management Vital To Successful Dairyman

Breeding and management—which is more important? Larry W. Specht, Extension dairy specialist at The Pennsylvania State University, says neither can do the job alone and asking which is more important is like asking whether the right leg or left one is most essential to mans' ability to walk.

During the past 20 years, major improvements have been made in the genetic merit of our dairy herds through the widespread use of artificial insemination. Unless this good breeding is matched by equally desirable feeding, milking, and related management practices, the dairyman will have little to show for his efforts to breed a better herd of cattle.

Specht says the man with the low herd average no longer has the excuse that he can't afford to buy the sort of bulls that his neighbor with the high production herd uses. Today it's likely that they are both using sires from the same breeding unit.

This year promises to be no exception to the large number of herds exceeding 600 lbs. of butterfat per cow (or its milk equivalent depending upon the breed). Most of these herds have been bred entirely to sires from the A.I. units for the past 15 to 20 years.

There is no doubt that the inheritance for high production is readily available today, Specht emphasizes, but some dairymen need to improve their management efforts if they are to capitalize on it.

Met for First Time

On April 1, 1789, the House of Representatives held its first full meeting in New York City; thus began the history of the Congress of the United States.

Today's Calves Are Tomorrows Dairy Herd

Joe S. Taylor, Extension dairy specialist at The Pennsylvania State University, says that dairymen should raise every sound female calf born each year for herd replacements.

The cows in DHIA herds in their lifetime average only four calves born, half of which are males. Hence, if a dairyman allows for some culling at birth, some losses due to disease or accident, plus some culling of two-year old cows that do not meet production or type standards, then he must start all female sound calves born to maintain a high level of production in his herd.

Many dairy herds have expanded in size, says Taylor. The over-100 milking cow herd has become common. However, many of these larger herd owners have done nothing to provide adaquate calf raising facilities to start 50 or more female calves each year. Dairymen with large herds learn quickly and sometimes with disasterous results that without good facilities and a proper calf raising program they are in trouble.

Taylor says that dairymen should not be criticized for expanding housing and milking facilities first. This is where the farm income is produced. However, an adequate calf raising facility and program must follow herd size expansion quickly, before calf losses becomes a serious problem.

Information on calf raising facilities for large dairy herds is available through your county agent's office.

Buttermilk

Cultured buttermilk is made from fresh fluid skim milk. The addition of a special culture of bacteria gives buttermilk its characteristic acidy flavor and rich body Some brands of buttermilk have bits of butter added for extra flavor Since its acidity increases in storage, buttermilk should be used as soon as possible after purchase, say Extension dairy specialists at Penn State University.

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Grumelli Farm Service
Quarryville Pa

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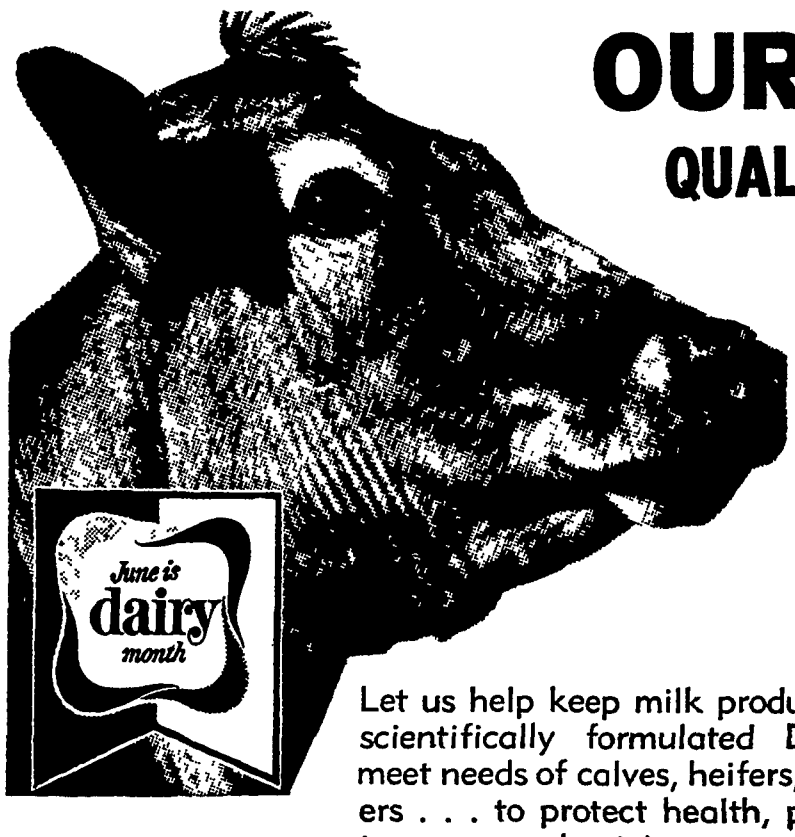

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Check Dairy Heifers for Parasite Control

Dairy heifers which have spent the winter months in "community-type" pens are often infested with internal parasites, says Harvey E. Shaffer, Extension dairy specialist at The Pennsylvania State University. This kind of housing provides ideal conditions for these parasites to multiply. As a result, heifers with only light infestations last fall may now carry sufficient numbers of parasites to seriously affect their growth, reminds Shaffer.

If heifers are heavily infested, they cannot maintain normal growth rates regardless of the amount of feed they are given. The problem becomes more serious if the pasture feeding program is less than adequate.

Before heifers are turned out to pasture, each group should be checked for internal parasites. The procedure is simple and inexpensive. A small, composite sample of droppings from each pen of heifers should be taken to a veterinarian for examination. The number of parasite eggs observed in the droppings will indicate the amount of infestation. Treatment, if needed, before heifers are turned out to pasture will help to insure normal growth during the summer, adds Shaffer.

Cottage Cheese

Cottage cheese is available in both small and large curd form Extension dairy specialists at Pennsylvania State University say small curd, often called country or old-fashioned style, retains its shape for serving plain with salad greens or fruits. Large curd with its large, soft curds mixes easily with other foods and is preferred for cooking.

The Role of Detergents

Besides removing the dirt from clothes, detergents also have other functions, says Extension clothing specialist Ruth Ann Wilson, Penn State University. Detergents also act as water softeners in order to loosen and remove soil from fabrics. Once the dirt is removed, detergents hold the soil in the washing solution and prevent it from redepositing on the fabric before it can be rinsed away.

Detergent manufacturers base their package instructions on what will give the best cleaning and total product performance under conditions most homemakers encounter. Conditions vary from home to home and even between wash loads.

Mrs. Wilson reminds homemakers that water hardness, which affects a detergent's performance, varies from region to region throughout the country. Your local water company, public utility consumer service department or Extension home economist can provide you with the information you need before adjusting the amount of detergent to compensate for water hardness.

The size of the load and design of the washer have a bearing on the amount of detergent to use. Generally, front loading automatics have a smaller range water fill and would require less detergent than top loaders. In addition, many washers have settings to permit you to vary the water level according to load size. To insure adequate cleaning, the amount of detergent should be adapted to each situation.

Naturally heavily soiled clothes require more detergent than lightly soiled garments. Also, you must consider adding extra detergent if the water temperature and washing action has been reduced for delicate items.

Princesss

(Continued From Page 1)

Warwick High School.

Dorothea George, 17, daughter of Mr. and Mrs. David George, 242 Pitney Road, Lancaster. She is a senior at Conestoga Valley High School.

Raelene K. Harbold, 18 daughter of Mr. and Mrs. Ray Harbold, Elizabethtown RD3. She is a graduate of Elizabethtown High School.

Rhoda Stauffer, 17, daughter of Mr. and Mrs. Clarence Stauffer, Ephrata RD1. She is a senior at Ephrata High School.

Joann L. Weidman, 16, daughter of Mr. and Mrs. Frank Weidman, Christiana RD1. She is a junior at Solanco High School.

Jeanetta Witmer, 17, daughter of Mr. and Mrs. J. Paul Witmer, Washington Boro RD1. She is a junior at Penn Manor.

Tickets for the pageant are available from the following committee members: Mr. and Mrs. Jay Landis, Mr. and Mrs. Everett Kreider, Mr. and Mrs. Raymond Witmer, Mr. and Mrs. Fred Creider, Mrs. Robert H. Kauffman, Mrs. Samuel Myer, N. Alan Bair, William Deisley, C. P. Brantley, Robert L. Kauffman, Jr., Robert H. Keen, Elam Bollinger, Milton Brubaker or Mr. and Mrs. Robert E. Gregory.

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Keep Cows Milking This Summer

By Glenn A. Shirk
Associate County Agent
Chester County

Most people respond favorably to comfort and regular attention; dairy cattle are much the same. In other words, keep cows comfortable this summer if you expect them to produce well. Cow comfort can be summed up in several words: fly control, regular attention, shade, ventilation, fresh water, and sufficient feed.

Control Flies

Flies not only annoy cattle, but they also suck blood and carry diseases. They can reduce milk production by as much as 20 percent. If you want good fly control, start NOW–before the flies become a problem–and perform ALL five of the following practices:

1. Sanitation–This is the most important practice in the control of flies; it prevents fly buildup by eliminating breeding areas. Spraying is no substitution for sanitation! Sanitation involves the daily cleaning of stable gutters and daily scraping of alleys and lots. It also means weekly removal of any bedded manure packs.

2. Shade--Cows like shade, but most flies do not. Thus, one way to keep cows comfortable and also protect them from flies is to either keep them in a clean, well-ventilated barn during the daytime or provide plenty of shade in the pasture.

3. Cattle Sprays--At best, sprays will only give very temporary relief, and daily spraying is usually necessary. This may be accomplished in a number of ways. Best coverage can be obtained by either using mist sprayers located in the barn exit or by using small hand sprayers at milking time. Another alternative is to use dust bags or self-oilers in the cow exits. Recommended materials include: Ciodrin, Vapona, malathion, and methoxychlor.

4. Stable Insecticide--As I mentioned earlier, the use of insecticides is no substitution for good sanitation. However, they can supplement sanitation, and can be used in one of several ways. Of the insecticides, fly baits probably will give the best control. Baits should be kept away from feed and milk. Another alternative is to fog the stable with insecticide such as pyrethrins or Vapona: these materials will quickly kill only those flies that are present in the barn at that time, and will give no residual control. For residual control, the walls, ceilings, and stalls may be sprayed with Cygon, Baytex, Korlan, or Gardona. At best, residual control usually lasts for only a few weeks; results are usually unpredictable and repeated applications are necessary.

5. Milk House Insecticides–The first objective should be to keep flies out of the milk house by using screens and keeping the milk house doors closed. When it is necessary to revert to sprays, be sure to keep milk utensils and milk protected. Pyrethrins can be used as a safe spray to kill those flies that are present at the time of spraying. Korlan or malathion applied to the walls will give some residual control for a few weeks.

When using insectides, be sure to read the labels carefully and follow all instructions.

Regular Attention

Cows are creatures of habit. They adjust slowly to changes in work routine and feed schedules. Thus, it would be wise to establish regular work routines. Remember, on the dairy farm the milk end of the business is the profit end. Do not neglect the cows for the field work; the field work may be more appealing, but the barn work and the time spent observing cows may be more profitable. Some dairymen estimate that when they miss one heat period on a good cow it costs them up to $100.

Avoid frequent and drastic changes in the feeding program. This can be a problem when green chopping a variety of different crops at various stages of maturity, or when switching from corn silage to either grass silage or haylage.

Shade plus Ventilation

Cattle appreciate shade, but shade is not much good without air movement. Therefore, provide both. Heat depresses appitite and lowers breeding efficiency. Milk production starts dropping as temperatures rise to approximately 65 or 70 degrees F. To avoid the production slump, keep cattle indoors during the day time, in a clean well-ventilated barn, it could be the

(Continued On Page 21)

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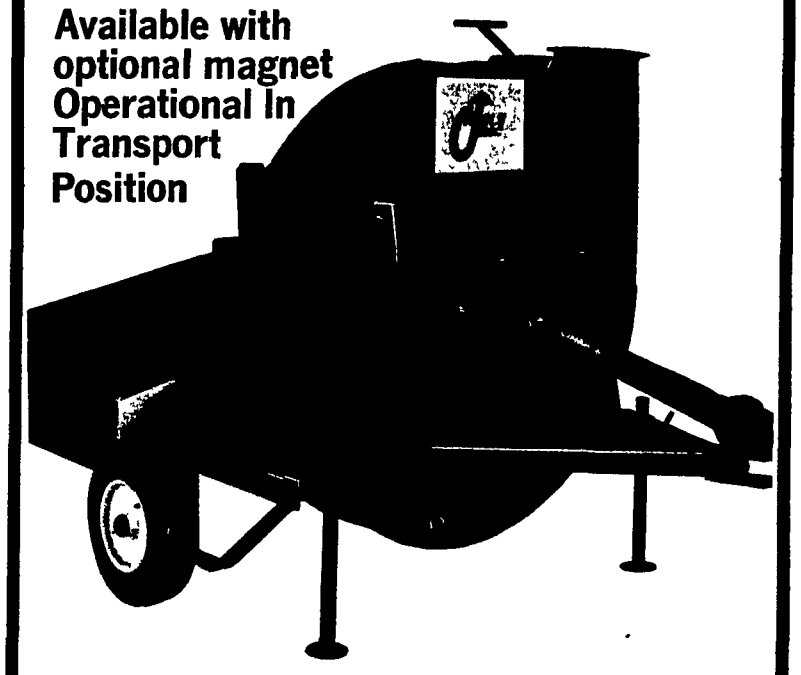

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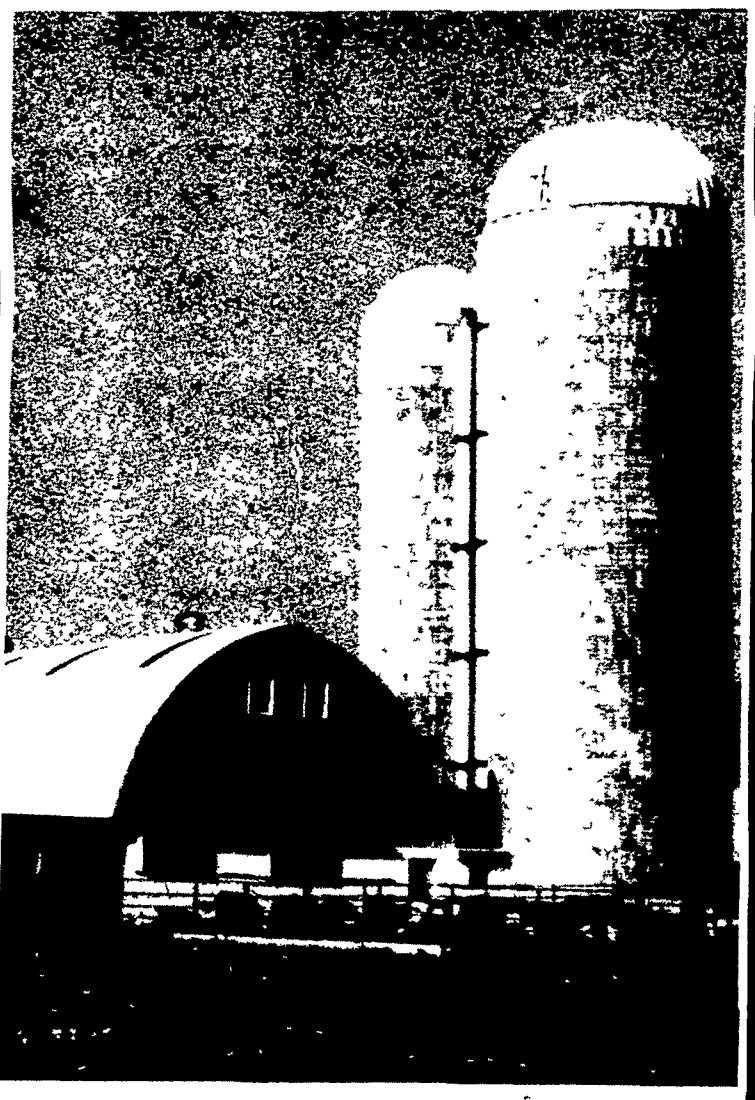

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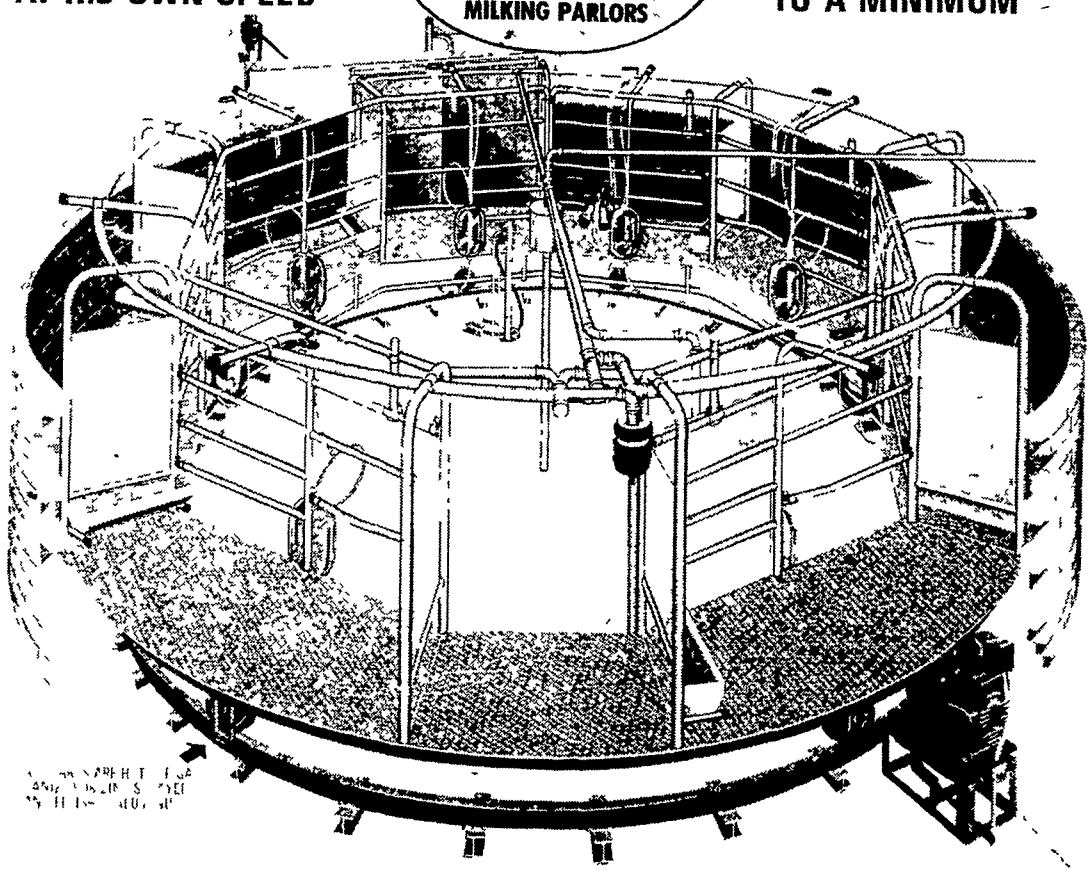

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Keep Cows

(Continued From Page 20)

coolest, most fly-free spot on the farm. Turn cows out at night; that is when they do most of their grazing.

For maximum cross ventilation, open the windows and sides of barns. For additional air movement, use fans if necessary. Fans will not lower temperatures very much, but they do help to move air across the backs of cows; this is especially important in holding areas, in poorly-ventilated barns and in stables with low ceilings. To accomplish this it may be necessary to use extra fans in addition to barn fans already installed. In pole barns, you can permit the heat to escape from the peak by providing ridge vents and by opening up the sides, light-colored roofing materials will also help to reflect the heat.

Water

Water is your cheapest feed, and it makes milk --use it! Cows drink more water if it is clean, cool and convenient to them. Water in ponds and streams may be warm and stagnant. Therefore, it may be necessary to install extra water lines to the pasture or feed-lot, or to tap into tile drainage lines and springs for fresh water.

Supplemental Feeding

Some cows, even when they have free access to lush pastures or an abundant supply of greenchop, are actually underfed. Lush pasture grass and greenchop are high in moisture, some cows simply get full and cannot eat enough roughage to get the dry matter and feed nutrients they need for top production-or for rapid growth in the case of heifers Also, many permanent pastures dry up in the summer time and do not yield enough feed nutrients This can be corrected by feeding extra hay-in racks-or by feeding haylage, silage, or grain. Contrary to what many people think, grain is a "cool" feed; do not hesitate to feed it at recommended levels.

For maximum feed intake, locate the feeding area near to shade and water; the barn is a good place if you keep cows in during the day time Summer annuals such as Piper sudan grass can also be planted to provide additional summer grazing. Salt and minerals should also be provided both in the grain mix and free choice to cattle the year round.

Pecking Order In Dairy Cows

Everyone's heard of the "pecking order," right? Sure you have...it's the social system by which chickens feed. Well, almost, but it's also the way cows in a dairy herd decide who eats first

And according to Joe Taylor, Extension dairy specialist at Penn State, it's a well-established system, from the "boss cow" that no other cow in the herd would dare challenge, all the way down to the meek cow that runs from all the others in the herd.

This social system in dairy herds shouldn't present any problem as long as enough feeding space and stalls are provided for all cows in the herd

However, research shows that this pecking order is upset when one cow in the herd is in heat No matter what her social status is with the rest of the herd, a cow in heat upsets the whole herd because she disturbs the pecking order. As a result, the entire herd becomes restless and a loss in milk production is often the result.

Taylor reminds all dairymen that there is really only one way to prevent this problem. As soon as a cow comes into heat, she should immediately be isolated from the rest of the herd. In this way, the rest of the herd won't be affected, and neither will your milk production

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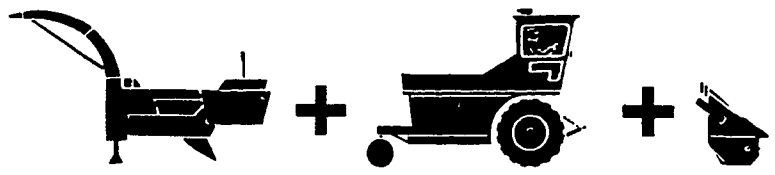

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BEACON FEEDS

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These three bulls are an important part of the herd improvement program at the Masonic Home Farm.

Masonic Homes

(Continued From Page 1)

12,416 pounds of milk with a butterfat content of 4.5 percent.

Last year, two production trophies came to the Home from the state Ayrshire association. One was for the highest producing cow in the Commonwealth, with 18,691 pounds of milk and 849 fat. The other trophy was for the highest aged cow, with 18,241 milk and 805 fat.

Asked for the secret to his success, Wilson said, "We don't have any special secret. It's just care and management. Milking is the most important job on any dairy farm, so we try to be especially careful milkers. If you do a poor job of milking, all the breeding and feeding programs in the world aren't going to do you much good."

Record keeping is an essential element in the farm's success, too. Wilson noted that the Home's Ayrshire herd has been on DHIA for at least 40 years. And it's always been an Ayrshire herd. "We just feel Ayrshire milk is easier to digest," Wilson said, "although I know a lot of people won't agree with that."

Herd replacements are raised right on the farm, and there are 81 calves and heifers being reared at the moment. Artificial breeding figures into the farm's program, but they also maintain three herd bulls. A first calf heifer from one of those bulls has produced 12,720 pounds of milk in her first 223 days of lactation, and she's still milking 54 pounds a day. Wilson said he expects she'll produce over 16,000 pounds in her first lactation with some 635 pounds of fat. "Looks like we've got a winner," he noted.

Wilson's feeding program calls for some 40 to 50 pounds of silage a day, with free choice hay and some grain. All the feed, except for supplement, is grown on part of the home's 1500 tillable acres. Some 300 acres are in corn, there's another 115 acres in alfalfa, 70 in barley and 40 in wheat. Besides the dairy herd, these crops are used to feed 500 to 600 head of hogs yearly, and about 120 head of steers.

Some 85 Ayrshires are milked daily at the Masonic Home Farm. These animals are being herded to the parlor past the abattoir where meat is prepared for the Home's guests.

In addition to its own meat and milk, the farm produces its own vegetables and fruits, and every year sells a great deal of surplus produce.

Wilson has five full-time workers helping him run the dairy operation. Each works six days and is off one day. Milking times are 4:30 a.m. and 2:45 p.m., quitting time is 5:00 p.m. with an hour off for breakfast and an hour-and-a-half for lunch. Nearly all the farm workers live right on the farm, and there's a lot of interest in 4-H. This year there were 11 youngsters with 4-H projects.

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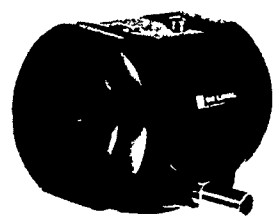

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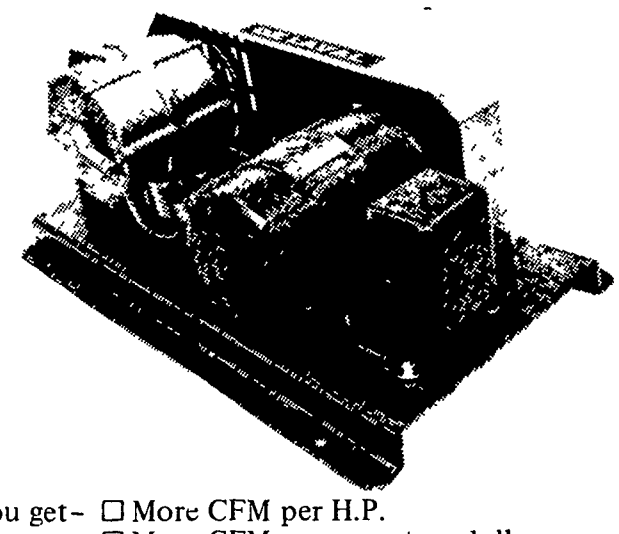

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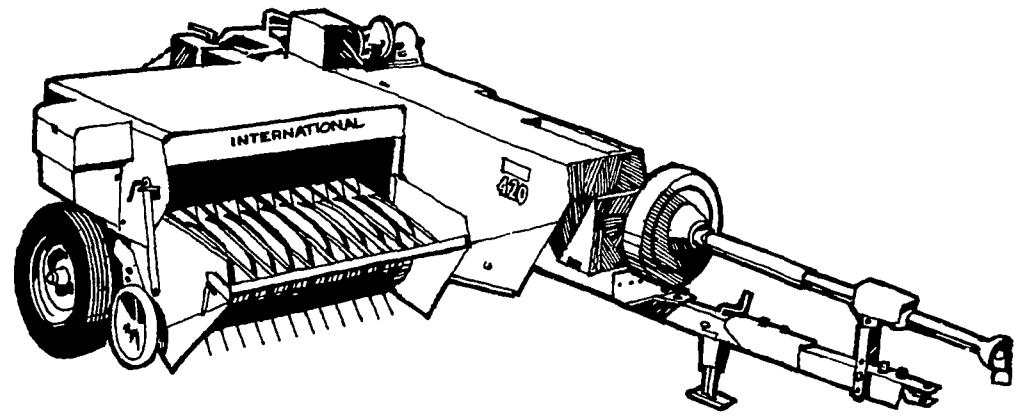

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New Occupational Safety Law Set

An emergency temporary standard dealing with the exposure of employees to pesticides has been established by the Department of Health, Education, and Welfare, reports County Agent Max Smith.

Authority for enforcing the regulations is vested in the Occupational Safety and Health Administration in the Department of Labor.

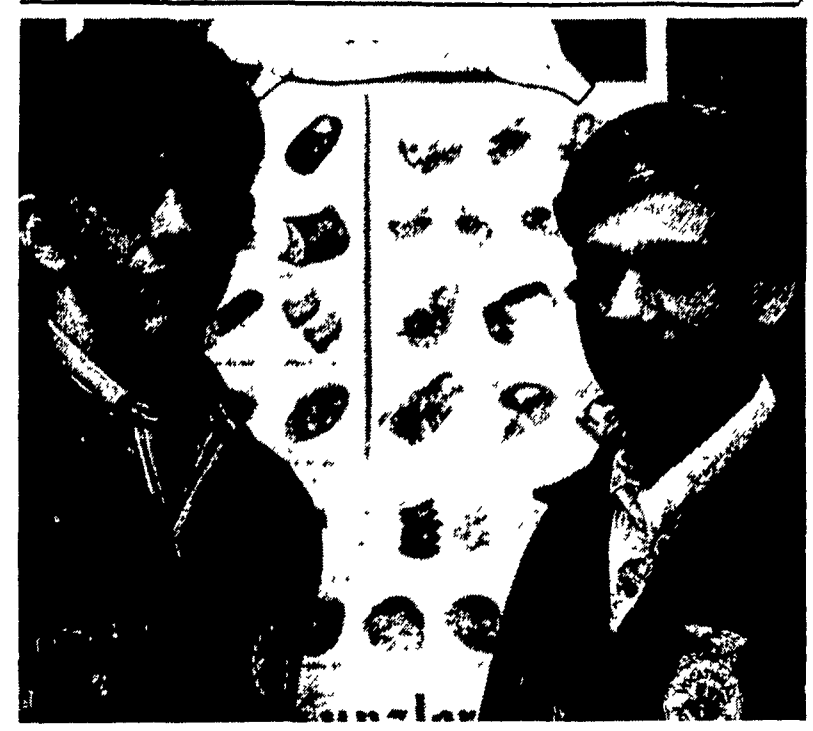
The rules and regulations, published in the Federal Register of May 1 (Vol. 38, No. 83) are very detailed, says Smith. However, for most Pennsylvania fruit orchardists, it means that: Field reentry safety intervals in days for orchard crops treated with organophosphorous pesticides have been established.

The standard becomes effective June 18, 1973, and covers certain organophosphates.

Smith emphasizes that these regulations apply only to employees outside the employer's immediate family.

Prescribing a required time lapse before reentry to orchard or field means that employees cannot come into contact with fruit trees sprayed with certain pesticides before a stated number of days have passed. All orchardists who spray pesticides of any kind are reminded to ask their county agent if the pesticides they are applying are included on the list requiring a waiting period before reentry.

Growers and-or employers are obligated to warn their employees and display warning signs in their fields, vineyards, and orchards where pesticides have been used.



James Felpel, left, and Barry Wissler placed first and second, respectively, in the 1973 Lancaster County Meat Judging Contest held recently at Kunzler & Co., Lancaster. Both are vo-ag students at Ephrata High School.

Felpel Takes County Meat Judging

A dozen contestants from five county schools participated in the 1973 Lancaster County Meat Judging Contest held recently at Kunzler & Co. in Lancaster.

Each contestant had to identify 25 retail cuts of meat and grade seven beef carcasses for quality and yield. They also had to judge one class of pork bellies and one class of beef ribs

James Felpel placed first in the contest, and Barry Wissler was second. Both are vo-ag students at Ephrata High School. Frank Greenly, Manheim Central, was third, Dwight Martin, also from Manheim Central, was fourth, and Robert Buckwalter, Penn Manor, was fifth.

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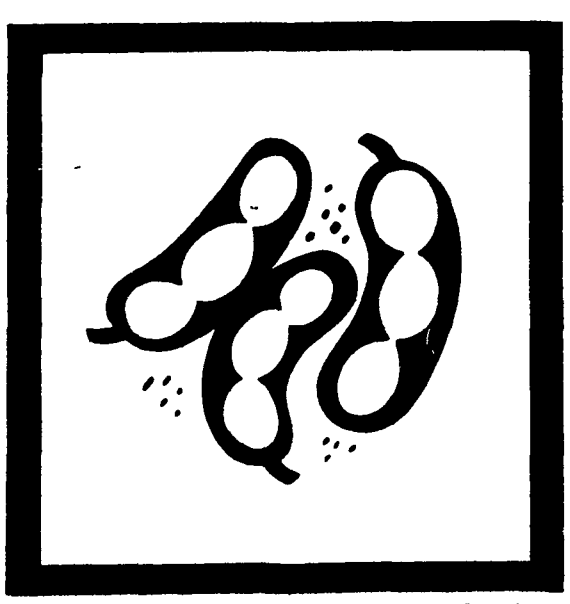

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Chain Calf Awarded by Manheim FFA

Ruby Ginder, daughter of Mr. and Mrs Robert Ginder, Elizabethtown RD3, received the Manheim FFA Chapter chain calf last week.

Each year the Manheim Chapter presents a calf to a member of the freshmen class. To apply for the calf, students must write an essay covering the management practices of raising a calf from birth to two years of age Ruby Ginder was selected to receive the calf by a committee of Chapter officers who judged her application to be the best among those submitted from the freshman class

The calf is valued at over $400 Ruby plans to show the calf at the Manheim Farm Show in October and other area dairy shows

The first female calf born from this animal must be returned to the Chapter by Ruby as the chain calf which will then be presented to another student. This year the calf was returned by Marlin Becker who received the original heifer calf courtesy of Graybills Dairy of Lititz and the Manheim FFA Chapter

Ruby Ginder proudly displays the heifer calf presented to her through the Manheim FFA chain, another 'first' for a female FFA member in the Manheim Chapter.

Milk Plays Role In Man's Diet

Milk's most valuable contributions to your diet are calcium, protein, riboflavin and vitamin A.

Irene Turner, nutrition specialist at Louisiana State University says that dairy foods supply one of the highest quality proteins available. Milk protein is easily digested and contains all of the eight essential amino acids

Most diets which don't include dairy products provide insufficient calcium Strong bones and teeth, and nerve stability are the result of adequate calcium in the diet

Milk is an excellent source of riboflavin, vitamin B2, reminds Sidney E Barnard, Extension dairy specialist at The Pennsylvania State University. It provides more than 50 percent of that present in our food supply. Whole milk also supplies vitamin A Since it is a fat soluble vitamin, skim milk contains very little vitamin A

Barnard suggests you balance the vitamins and minerals needed in your diet against the calories they contribute The calorie content of milk is low to the calcium and riboflavin it contributes. A cup of whole milk contributes only eight percent of the calories needed by a young mother However, this eight ounces of milk provides 37 percent of her daily calcium needs.

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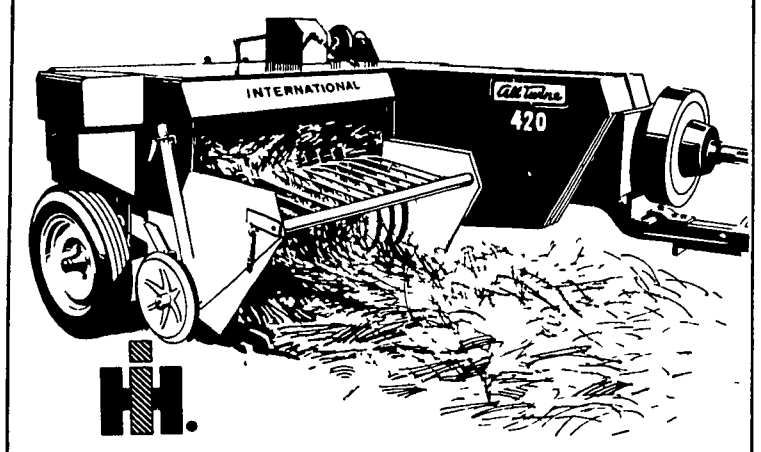

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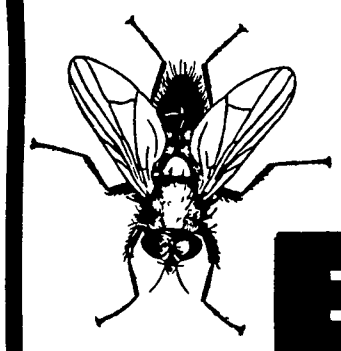

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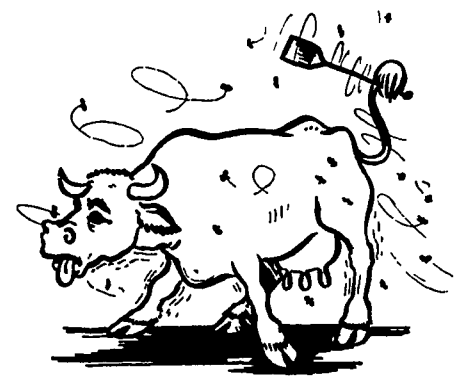

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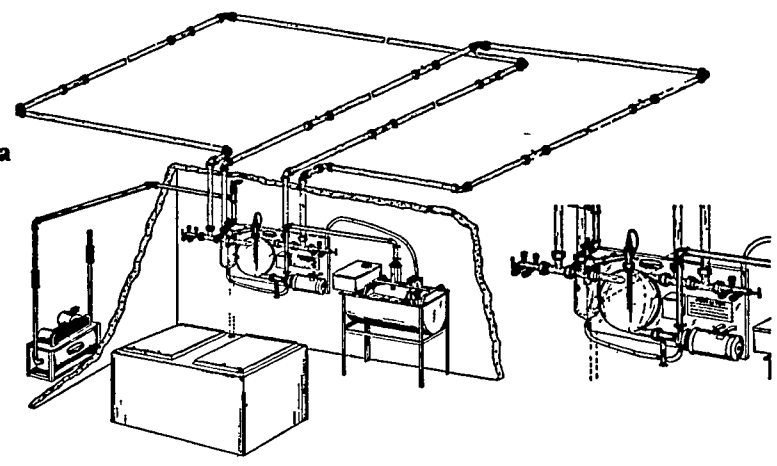

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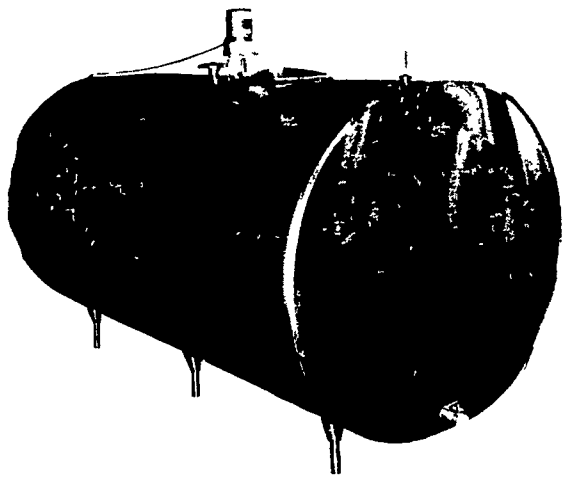

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Fact And Fancy Of Diet Recommendations

At a recent meeting of the American Dairy Science Association, Dr. Campbell Moses, Medical Director of the American Heart Association, discussed the facts and fancy of diet recommendations. He has advocated reducing the intake of saturated fatty acids for a number of years. To animal and dairy interests this meant reduced consumption of meat and milk.

Dr. Moses emphasized three diet changes to reduce susceptibility to hardening of the arteries. They include: adjusting calorie intake to maintain proper weight, a decrease in saturated fatty acids, and a reduction in the intake of cholesterol. He recommends that one-third of the average diet be made up of one-third saturated, one-third monounsautrated, and one-third polyunsaturated fatty acids. The average cholesterol intake is now 600 mg. daily. He recommends only half that amount or 300 mg.

He stressed that milk is not harmful, as it contains less than four percent fat, one-half of which is unsaturated.

Dr. Moses concluded by stressing that normal weight should be maintained and known risk factors should be avoided. Following this advice will reduce susceptibility to hardening of the arteries and heart roubble.

xxx

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Manheim Chapter Officers To Attend National Conference

The Manheim Central FFA Chapter elected its 1973-74 slate of officers at the regular monthly May meeting.

The new president is Roy Sauder. First vice-president is Gene Gehman, and Dennis Saylor is second vice-president.

Elected as secretary was Bob Hershey; Dwight Martin, treasurer, Ron Kreider, reporter, Ruby Ginder, assistant reporter, Kevin Rohrer, sentinel, and Earl Geib, chaplain.

Julie Garber was selected as the Chapter's FFA Sweetheart.

The Chapter voted to have president Roy Sauder and treasurer Dwight Martin attend the National FFA Washington Conference for FFA officers from July 9 to 14 at the expense of the Chapter.

The function of the Washington Conference is to further develop leader confidence and skills. Both Sauder and Martin will meet face-to-face in round table discussion with senators, congressmen, National FFA officers, Washington agricultural leaders and other FFA Chapter officers from across the nation. They will gain first hand appreciation of our nation's heritage through special visits and programs at historical sites and memorials in the Nation's Capital.

The Chapter anticipates that the president and treasurer will pick up new ideas for Chapter action, including fund raising, public relations, community development and the effective use of state and National FFA activities and service.

Newly elected officers chosen to represent the Manheim FFA Chapter for the following year are: (front row, left to right) Earl Geib, Roy Sauder, Ron Kreider, Ruby Ginder; (back row) Kevin Rohrer, Gene Gehman, Dwight Martin, Glenn Ruhl and Dennis Saylor.

Pheasant Project For Solanco FFA Chapter

The members of Solanco FFA are again this year conducting a Pheasant Project. Each year many ringneck pheasants, quail, doves, and other small animals and birds choose the farmer's hay and grain fields to nest and raise their young.

Through no fault of the farmer, many of these creatures are destroyed during the nesting season when the first hay is cut.

The Solanco FFA hopes to help this situation by incubating abandoned or orphan pheasant eggs.

The eggs will be hatched, records kept on the number hatched, and the young will be released again when they are old enough.

If farmers in the area will cooperate and notify the Solanco High School Agricultural Department or one of the students listed below when they mow over a pheasant nest or accidently kill adult pheasants, a student will pick up the eggs and get them to the incubator.

It is important to keep the eggs warm, about 95 to 100 degrees F. by use of a heat lamp or heating pad, until a student arrives.

Members helping with the project and their phone numbers are: Harold Keene - 529-2135; Joe Winters - 529-2916; Marshall Trimble - 548-2278.

Randy Clark - 786-3831; Bob Brown - 786-3005; Glenn Reinhart - 529-2846; Doug Testerman - 548-2470.

Gary Welk - 786-2752; Mark Hohenwarter - 284-4274; Ag Department - 786-2151, Extension 41.

Safety Council Lists Causes of Most Farm Fires

The National Safety Council lists these eight causes for most farm fires: defective chimneys, chimney sparks on combustible roofs, unsafe stove and furnace installations, inadequate lightning protection, improper use of electricity, spontaneous ignition, misuse of gasoline and kerosene, and carelessness with matches.

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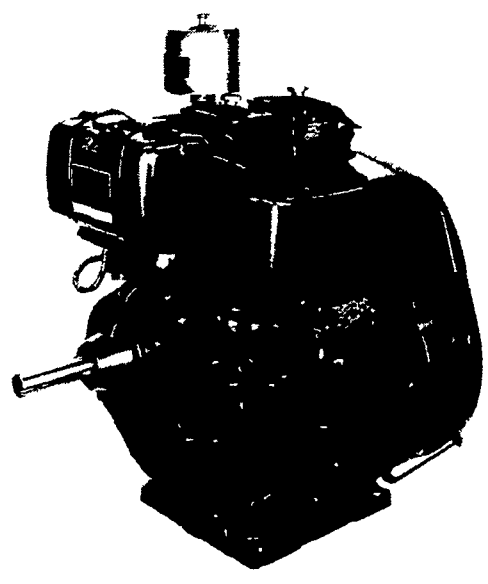

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Sales Trends in the Dairy Industry

Total sales of fluid milk products and fresh whole milk peaked in the middle fifties. Sales of cream, butter, and evaporated and condensed whole milk were greater in 1950 than in 1971.

However, almost 60 per cent more cottage cheese and 30 per cent American cheese was sold in 1971 than in 1950.

While the use of nonfat dry milk was higher in 1960 than in 1971, the use of skim and lowfat fluid milk increased almost three times during that period, and over four times in the last twenty years. Ice cream sales remained relatively stable from 1950 to 1971.

PER CAPITA SALES OF FLUID AND MANUFACTURED DAIRY PRODUCTS, UNITED STATES, 1950, 1955, and 1960-71[1]

	Fluid Products						Manufactured Products								
							Cheese[3]							Frozen Desserts	
Year	Total fluid milk products	Fresh whole milk	Cream	Skim milk or low fat items[2]	Evaporated and Condensed Whole Milk	Butter	American	Other	Cottage cheese[4]	Dry whole milk	Nonfat dry milk	Evaporated and condensed skim milk[5]	Net milk used[6]	Ice cream product weight
	Qt	Qt	Qt	Qt	Lb	Lb	Lb	Lb	Lb	Lb	Lb	Lb	Lb	Lb
1950	141 7	129 3	5 2	7 2	205	9 1	5 4	2 2	3 1	3	3 5	5 1	456	17 6
1955	148 7	134 9	4 5	9 3	16 5	7 5	4 8	2.5	3 9	3	4 9	4 6	497	18 4
1960*	143 7	128 4	4 3	11 0	13 9	6 8	5 3	2 9	4 8	3	5 6	4 4	525	18 6
1961	140 7	124 7	4 1	11 9	13 4	6 4	5 5	2 9	4 6	3	5 3	4 7	524	18 3
1962	140 8	124 2	4 0	12 6	12 5	6 3	5 3	3.1	4 6	3	5 1	4 8	525	18 2
1963	141 4	124 2	3 8	13 4	11 7	5 9	5 4	3 1	4 6	3	4 9	4 5	528	18 3
1964*	141 7	123 3	3 7	14 7	11 4	5 9	5 4	3 2	4 7	3	5 1	4 7	537	18 6
1965	142 1	122 8	3 6	15 8	10 8	5 8	5 7	3 4	4 7	3	4 8	5 0	546	18 8
1966	141 9	120 9	3 4	17 6	9 9	5 4	6 2	3.6	4 6	3	5 2	5 3	537	18 4
1967	138 4	115 8	3 1	19.5	9 0	4 9	6 0	3.7	4 5	3	5 0	5 0	534	18 1
1968*	139 3	114 0	3 0	22 3	8 7	4 9	6 0	4 0	4 7	3	5 2	4 8	551	18 6
1969	138 0	110 2	2 8	25 0	7 6	4 6	6 2	4 2	4 8	2	5 2	4 9	547	18 3
1970	135 8	106 5	2 6	26 7	6 6	4 4	6 8	4.4	5 1	2	4.6	5 0	544	18 0
1971[7]	135.5	103 7	2 6	29 2	6 2	4 2	7 0	4.8	5 2	2	4 8	4 8	543	18 0

Excludes milk used on farms where produced and distribution from USDA supplies, includes sales to the Armed Services for use in the United States Based on resident population except fluid milk product sales are based on estimated population using fluid products from purchased sources [2]Includes natural and cultured buttermilk and all skim items including quantities used in flavored drinks [3]Whole and part whole milk cheese (excluding cottage, pot and bakers) [4]Includes minor quantities of other skim milk cheese [5]Includes evaporated and condensed buttermilk [6]Amount of milk (equivalent) used in making ice cream and other frozen products, excluding approximate quantities supplied in the form of butter and condensed whole milk [7]Preliminary *Leap year—one additional day of consumption

Source U S D A Beginning 1960, figures include Alaska and Hawaii

Safety Council Lists Causes of Most Farm Fires

The National Safety Council lists these eight causes for most farm fires: defective chimneys, chimney sparks on combustible roofs, unsafe stove and furnace installations, inadequate lightning protection, improper use of electricity, spontaneous ignition, misuse of gasoline and kerosene, and carelessness with matches.

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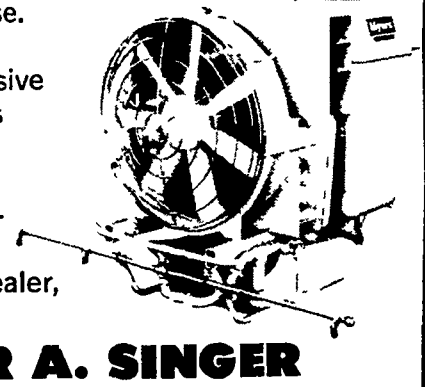
Myers, new A32TM "Mity-Mist" is a versatile air sprayer that is an ideal pesticide applicator for orchards, row crops and turf. A32TM features include: rustproof 100 gallon molded fiberglass tank, 32" high velocity fan, exclusive high pressure Du-All piston spray pump and Drive Mist Nozzles for accurate gallonage application. Quick-change field crop head (F50) converts from air orchard to air field crop spraying with ease. New adjustable vane attachments for exclusive one or two way swaths to 70 feet. Sprays dilute or concentrate. And, it's economically priced! See your Myers Sprayer Dealer,



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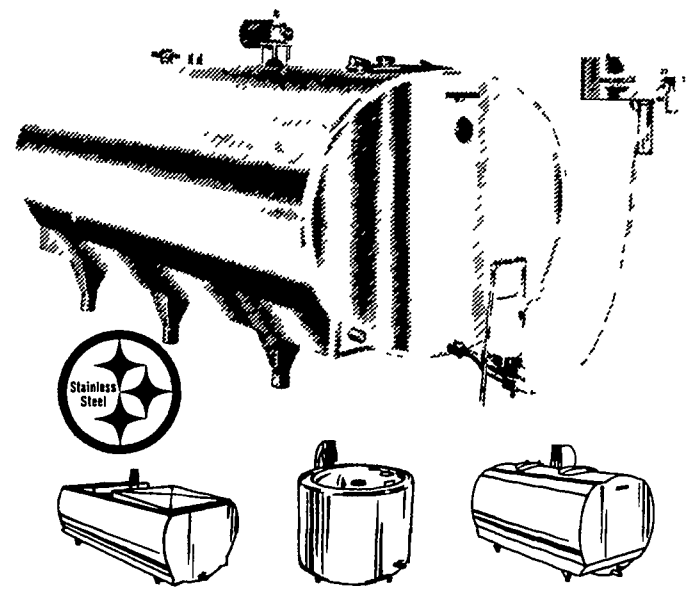

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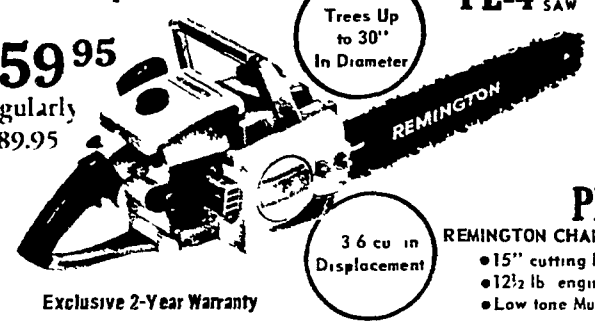

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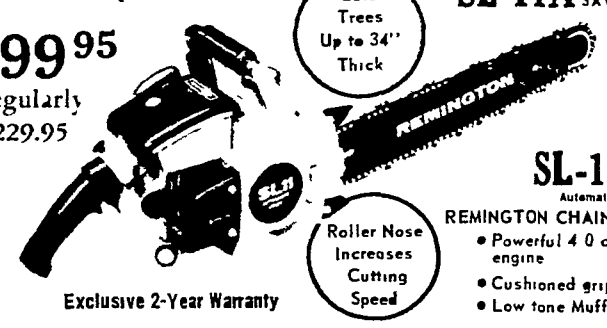
Cuts Trees Up to 34" Thick



Roller Nose Increases Cutting Speed

Model SL-11A
Automatic Oiler
REMINGTON CHAIN SAW
- Powerful 4.0 cu in engine
- Cushioned grips
- Low tone Muffler

Exclusive 2-Year Warranty

GEHMAN BROS.
1 mile North of Terre Hill on Route 897

East Earl RD1 Phone 445-6272

Mail Box Market

Photographer - National advertising, weddings, brochures. Newswanger's Studio, 1028 Penn Grant Road, Lancaster, Phone 464-2221 or 394-4219

For Sale - 4 Hudson Profi-Matic Infrared gas pig brooders, like new, operators instructions included $40.00 each. Paul Martin, Narvon RD1, Southeast of Churchtown on Paul W. Martin Farm.

For Sale - Holland mechanical transplanter $100.00 2 miles West of Leola, Snake Hill Road. Daniel Z. Stoltzfus, Box 233, Bird-in-Hand, Pa. 17505

Wanted - Grass head for 818 New Holland Harvestor. Phone 367-6166

Notice - Custom pea shelling clean. One block north of Hollinger's Farm Market along Weidmansville Road. Lloyd K. Sensenig, Ephrata.

For Sale - Tobacco hoers on wheels Eli K. Stoltzfus, Gordonville RD1, Pa. Box 227, 17529 between Intercourse and New Holland on Senic Road.

For Sale - Ferguson 40 with Sauders D Model loader and 2 bottom 14 inch trip plow, very good rubber, engine good. Call 684-5228

For Sale - 60 bushel round 12 hole pig feeder with adjustable ring; also 4 Keystone dark center mag wheels (14 inch) and Mini 8 tape player with tapes. Phone 867-2914

For Sale - Susquehanna County Holstein Heifers due within 90 days from 1 herd. NEBA Sired. Phone Carl Diller, 464-2233

For Sale - Some good 90 to 103 da. Doeblers seed corn on hand yet. Also some full season numbers. Daniel Esh on 741 east of Strasburg.

Mail Box Market

For Sale - AKC Registered Irish Setter pups $55. Call 354-9815

For Sale - Oliver 3 pt. 3-16 trip plow. Also 3x14 trip trailer plow. 2 tires 12.4x28 mounted on 550 Oliver rims. Wanted - Small milk cooler. Phone 717-838-4776

For Sale - 2 Boars - 1 Yorkshire Duroc Cross, other 1 Purebred York 7 months old; 1 Dorset Ram. Alvin M. Lapp, RD1 Gap, Buena Vista Road.

Help Wanted - Man to tend herd of cows. House and utilities furnished. Melvin H. Wessel, Airville, Pa. 17302, Phone 717-927-6110

Fox Terrier stud service. Phone 717-354-7186

For Sale - N. H. 273 baler, used 1 year; N. H. 24 ft. elevator; I.H. crusher crimper, late style. Phone 656-7013

For Sale - 1969 Ford pickup truck ½ ton, 6 cylinder. Call 626-6500 after 5:00 P.M.

Extension and drop leaf tables made to order Birch, Cherry and Walnut finish. Also quilt frames; AKC Norweigen Elkhound pups. C. S. Miller, RD1, Paradise, Pa.

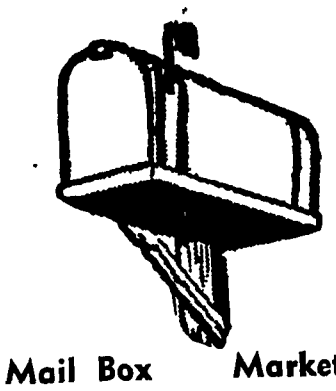
Farm For Sale - Endless Market Area, 195 acres, 11 room house, 100 cow barn, 3 pounds, streams, excellent hunting. Other outbuildings. Phone 717-265-3818

For Sale - Steer manure at the farm, will load. Daniel G. Forry, Phone 898-8044

For Sale - Two 500 gallon water tanks. Samuel S. Zook, 534 Willow Road, Lancaster, Penna.

For Sale AKC Registered Pug Puppies, shots and wormed. Phone 717-464-2872 after 5 P.M.

For Sale - 28 Shoats weighing 45 to 50 lbs. Phone 717-284-4598



Mail Box Market

For Sale - 10 foot wooden row boat price $25. 2nd cutting Alfalfa hay, no rain price $75. at the farm. Call 626-7583.

For Sale - AKC Registered Collie Pups. Phone 656-6352

For Sale - 6 can milk cooler. Also Standardbred carriage horse, 8 years old. Bennie S. Stoltzfus, Gap RD2, near Christiana

Wanted - Used feed mixer, stalls, other equipment, suitable for Agway Provimi veal program. John Fry, RD1 Wrightsville, Pa. 17368 or Phone 717-252-3223.

For Sale - Surge SP-22 Vacuum pump, good condition. Also magnetic pulsators and timer with new 12V motor. Christ L. Beiler, Ronks RD1, South Weavertown Road.

For Sale - Allis Chalmers C, R-C and WC tractors; 1-2 and 4 rows front cultivators; 1 and 2 row tobacco planters Stauffer; Garden tractor, tobacco hoers. Phone 733-8708

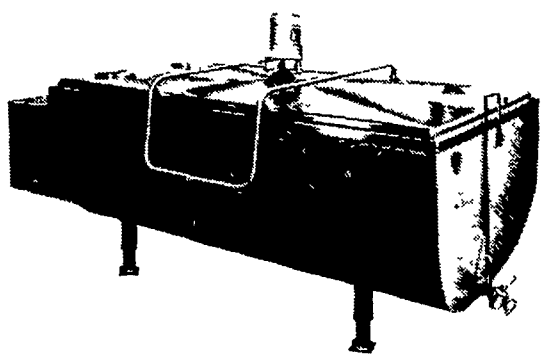
For Sale - Orchard Harrow on rubber, cultivator fit AC WD; tobacco planter and AC snap-coupler carrier. Phone 665-5855

For Sale - 3 male Siamese Sealpoint Kittens, 6 weeks old $20 each. Phone 862-3785

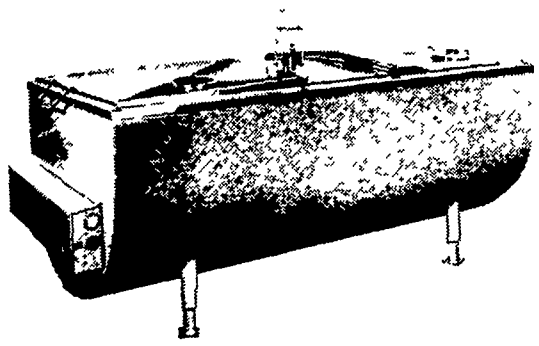
For Sale - Lantz electric mowing machine knife grinder, 7 ft. in A-1 condition. Grover Wise, RD1 Downingtown, 2171 Fisherville Road. Phone 215-384-7558

BULK MILK COOLING THE CP WAY

CP MILKEEPERS COOL MILK FASTER AND MORE EFFICIENTLY

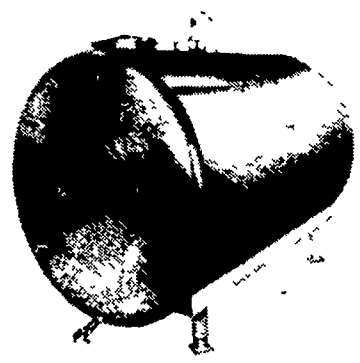


Choose the bulk tank equipped with the original dimple-type cooling plate (copied but never duplicated) for the fastest cooling farm tank available. CP MilKeepers are the bulk tanks with features that give better performance day by day, and add years of life to the tank, assuring high resale value.

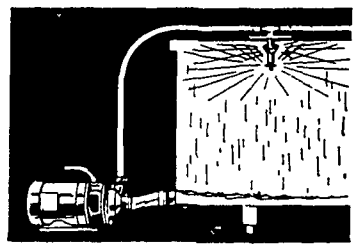


Factory-sealed, self-contained MilKeepers available from 100 to 500 gallon capacities. One-piece covers make cleaning fast and easy. Remote models with factory-installed refrigeration and electrical controls available in sizes 300 to 1,250 gallons.

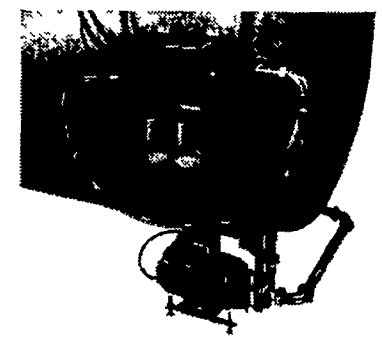
Heavy steel outer shell gives MilKeepers the rigidity to hold calibration year after year. It's a fact — MilKeepers resist distortion forces that could ruin a tank without a similar outer shell.



For producers with big herds, the new line of CP Cylindrical MilKeepers gives the same dependable service as the many thousands of MilKeepers already in use. Choose "big" MilKeepers in 1500-2000-2500-3000 gallon capacities. These tanks lend themselves readily to bulkheading. Larger sizes available on special order.



A KleenKeeper Kit, with recirculation pump and spray heads to fit strainer openings, will clean your MilKeeper in minutes. Continuous, powerful spray action cleans entire tank interior without brushing.



The CP built-in Automatic Washer for Cylindrical MilKeepers completely automates tank cleaning — from pre-rinse to final sanitizing. Permanently mounted on tank to eliminate storage and handling problems. Also available for semi-automatic operation.

20% DISCOUNT
ON ALL NEW BULK MILK TANKS
During Month of June

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FOR COMPLETE INFORMATION CONTACT

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C. B. HOOBER & SON
INTERCOURSE, PA.
Phone 717-768-8231

classified ads

Phone 394-3047 or 626-2191

Mail Box Market

For Sale - Grove self-unloading wagon 3 beaters and roof; Industrial Fox harvester; 1 row corn head both in good condition. Phone 717-273-7379

For Sale - Nice straw $25.00 per ton at farm. David F. Miller, Manheim RD3, Phone 717-665-5416

For Sale - John Deere 4 bar side rake on rubber, good condition, $175. Phone 626-5532.

For Sale - A.C. 780 2-row harvester with pickup; M.F. 82 combine with 12' header; A.C. 170 corn picker, fits D-17. Call 717-964-3791

For Sale - 1 tin 10 hole hog feeder, 1 wooden; 1 electric chick brooder. Benj. K. Swarey, Peach Bottom RD1, 17563, Pa. along Little Britton Road.

Try A Classified Ad
It Pays!

Mail Box Market

For Sale - Iron water trough 11 ft. long, 8 in. deep. Made by Valentine Audes Foundry, Leacock, Pa. Call 215-267-5796

For Sale - 12 can milk cooler, good condition. Call 445-6947

For Sale - Laying chickens and also AKC St. Bernard puppy and AKC Irish Setter puppy. Call 215-932-8499

For Sale - 1967 Ford pickup, 6 cylinder $1150. Call 285-5583

For Sale - 11' watering trough, 450' 7-16" concrete reinforcing steel. Call 872-7654

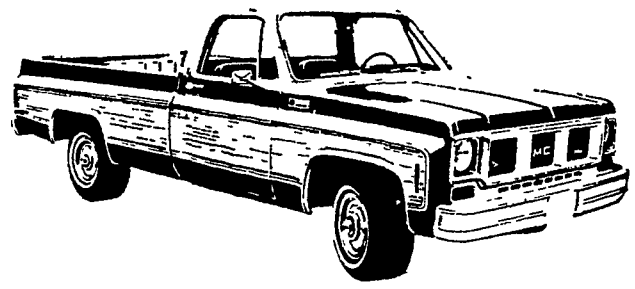
Wanted - Carpenter work. Will build houses, pole barns, cow barns, garages, or chicken houses. Write Samuel S. Lapp, Christiana, Pa. Box 274, 17509 or Driver. Phone 529-2841 or 768-3624

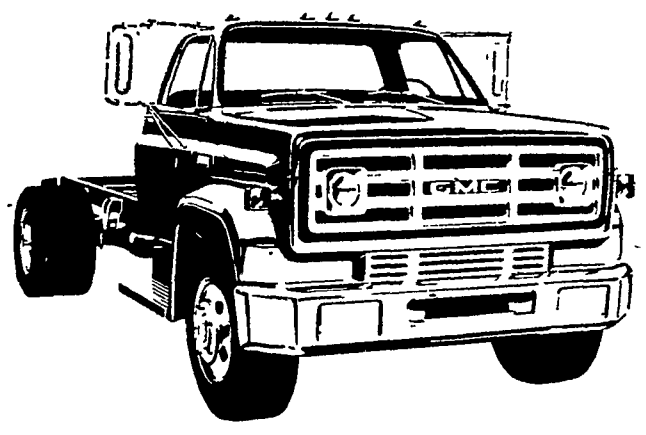
Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD1 Strasburg, Pa. PH: Ac 717-786-2562

GMC

THE TRUCK PEOPLE FROM GENERAL MOTORS

THEY CAN TAKE THE PUNISHMENTS!





TRIANGLE
GMC TRUCKS, Inc.
1465 Manheim Pike
Lancaster Ph. 397-6140
Behind Huber's Hamburgers

Livestock For Sale

SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Nicholas Kohut, Manager. 717-768-8378.

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

For Sale - 3 year old Filly and 14 year old gelding, both well mannered. Phone 569-0675

Wanted - Holstein Heifers which will freshen within 12 weeks and sound cows which will freshen within 8 weeks. J. B. Keller & Bro. Mount Joy, Pa., Phone 717-653-4591

Wanted - Farmers and Dealers to consign their surplus dairy cows and heifers to my July dairy sale. Receive top dollar at liberal commission. South Central Penna. Write Box 266D, care of Lancaster Farming Lititz, Penna. 17543

For Sale - 8 Registered Holstein Heifers, bred, artifically sired, Inter-State health charts available. Also yearling Holstein Heifers. Phone 301-348-5193

Wants to Buy - Red & White Holstein Calves. Kenneth D. Myer, RD3, Elizabethtown, Pa Phone 717-367-3344.

NOTICE

AUCTIONEERS!

We print sale bills.

Call 394-3047 for price.

BACKHOES
and
Payloaders FOR SALE

Cat 922B Loader
Terex Articulated loader
Michigan 125 Payloader
Michigan 175 Payloader
Hough payloader
Case W9 payloader
Lorain payloader
(3) Case 1537 Uniloaders
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Melroe 600 bobcat
(3) Melroe 500 bobcats
Owattona Mustang
Universal Uniloader
New Case 580CK loader
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Ford Major loader Backhoe
3-Case 580CK loader Backhoe
2-Case 530 CK loader Backhoe
Case 680CK loader
Ford 4500 loader Backhoe
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J.D. 1010 loader backhoe
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MORE ARRIVING DAILY

WENGER'S FARM MACHINERY, INC.

So. Race St.
Myerstown, Pa.
Ph. 717-866-2138

Livestock For Sale

Wants to Buy - Registered Holstein Heifer Calves. Phone 872-4058

Wanted: To Rent, lease or buy on installments dairy cows. Would like to start dairying and would be interested in any kind of deal.Write Box 266C, care of Lancaster Farming, Lititz, Pa. 17543

Duroc and Yorkshire bred gilts and service age boars for sale at all times. Large lots on order. New blood from top bloodlines yearly.

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& SONS
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Lehigh Co., 18052
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Cold Storage Insulation. Fruits-Vegetables. SPRAYED ON URETHANE FOAM. Ideal for temperature and humidity control. Continuous coating - no seams - no adhesive. For free estimate call Conestoga Chemicals & Plastics, Inc. 397-3724. After 5:00 P.M. call 872-2233.

CUSTOM POST HOLE DIGGING, 6, 9, 12 inch holes, . . . stop shoveling—J. Landis Bowers, R D 1, Columbia, Pa. Call 285-5649 after 4 P.M

Robinson Bros.
Custom Silo Filling in the Manheim, Mount Joy and Marietta Areas
Call Collect
Ph. 717-246-4302

Will do custom mowing with haybine, $5. per acre. Phone 717-687-6393.

Custom Bean Planting, 30 inch rows, Lititz Area. Phone 626-6953

Miscellaneous

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School teacher wants small inexpensive house, cottage to rent near Lancaster, furnished or unfurnished. Willing to make repairs if necessary. Call 299-4891

Real Estate

We are LOOKING FOR FARMS with or without ACREAGE TO RENT. We have QUALIFIED TENANTS, most with references that are interested in FARM LOCATIONS. For more information please call collect 717-392-5720
Home Rental Locators, Inc.

Wants to Buy - Farm Properties with development potential. 30 acres to several hundred acres Howard Goss, Office 761-6113 Home 737-2234.

Miscellaneous

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Organic Vegetables wanted!
Call or bring to
ORGANIC MARKET
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Use your farm skills with us. We need help with slaughtering and general labor in our new plant

Call Mr. Carlson
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Lancaster, Penna.

PUBLIC SALE
OF CONSTRUCTION EQUIPMENT
SATURDAY, JUNE 16, 1973

10 A.M.
at Emigsville, Penna.
Location - York Co. Farm & Ind Equipment Co. Inc 4 miles North of York, Pa. on Rte. 181 off Interstate 83 at Exit 10 or 11
Rubber tire loaders - Loaders and backhoes - Crawler loaders - Blade tractors - Trailers - Air Compressors - Scrapers.
Send for complete sale listing
Terms: Cash

York Co. Farm & Ind. Equip. Co. Inc.
Emigsville, Pa. 17318
Phone: 717-764-6412

classified ads

Phone 394-3047 or 626-2191

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700 gal. Esco. good cond., with compressor.
400 gal. Girton for Electric
Used 600 gal. Mojonnier Milk tank Slightly damaged, good for holding tank.
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Used 325 gal. Esco Milk Tank
CLARK ELECTRIC
RD1, Kinzers, Pa.
Ph: Intercourse 768-8228

Feed & Seed

For Sale - Tobacco Plants. Phone 872-2395

M & R Grain
Shelled Corn For Sale
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INSULATION. LOAFING SHEDS - DAIRY BARNS. SPRAYED ON URETHANE FOAM. Ideal for eliminating condensation. Perfect for irregular surfaces. For free estimate call Conestoga Chemicals & Plastics, Inc. 397-3724 After 5:00 P.M. call 872-2233.

Custom Silo Filling of haylage and corn. Preston Lefever, Jr., Phone 786-3747

Help Wanted

Wanted: Woman or couple to live in as cook, housekeeper and drive our car. Fine home, good pay. Call collect, Chas. W. Baker, Jr., 23 Jeanette Drive, Newtown Square, Pa. 19073. Phone area code ((215) El 6-9023

Unskilled and semi-skilled stockyards help wanted. Call Lancaster Stockyards, Inc., Phone 394-2611.

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PARTS BY THE THOUSANDS:

Cat, Case, International, John Deere, Allis Chalmers, Oliver ENGINES-Good Used.
CRAWLERS & LOADERS-Cheap.
Up to 30 per cent off on new under carriages.
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R.D.6, Sinking Springs
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JOHN L. STAUFFER
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Used Bulk Milk Tanks
200 gal. Girton Bulk Milk Tank, self contained.
300 gal. Jamesway with 2 H.P. Comp.
1 5 H.P. Lehigh Compressor, excellent condition.
6 Bou-Matic Pipeline Units with Electric Pulsation Timer.
One 25 KW PTO Alternator.
Haller Electric Inc.
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MILK WANTED
Dairy farmers . . . ship Federal Order II or IV; receive premium over market price.
N.F.O. Phone 717-367-5298 or 215-383-1824 or 215-942-2273

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Used Hershey 1-row tobacco Planter $65.00
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Lebanon, Pa.
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Used IH Grinder Mixer
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WENGER IMPLEMENT, INC.
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530 Case Tractor
800 Case Diesel Tractor
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A.C.-B Tractor w-Plow and cultivators
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USED FARM EQUIP.
Mowers: NH 455
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Elevators: 1 & 2 chain
AC C, WD w-plow & Cult.
AC 4-row corn planter
Spreaders - L & R Galv. Tanks & Flat Bed
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Ph: 626-7766

Farm Equipment

NEW - (1) N.I. Uni Harvester 702 Gas, Power Unit, Forage Chopper & 2 Row Corn Head

Farm Equipment

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Corn Planter
JD 1240 Plateless
Roller Harrow
JD F950 12 ft.
Disc Harrow
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Spring Tooth Harrow
JD 941 20 ft.
Manure Spreader
NI 212 162 bu.
Combine
JD 4400

USED MACHINERY

Tractors
JD 4020, 730, 430, 60

Corn Planters
JD 1240, 894, 494
Plows
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Cultivators
JD RG4,
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Many Sizes
Rotary Mowers
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Married man to operate Perry County pullet growing farm. Poultry experience preferred. Good salary plus performance bonus. Company benefits include profit sharing retirement plan. A rent free new modern home is provided on farm.

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Does your work lack incentive?
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NI 7 ft. semi-mtd.
JD No. 5
JD No. 8
Ferguson 3 pt.
Ford Side Mtd.
New JD No. 50 Side Mtd. Mower for JD 2520, 3020, or 4020

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JD pull type
JD 894 roll-a-bar rake
JD Hay Fluffer

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NH Super 69 with thrower
NH Super 66
JD 14T with thrower (excellent shape)
New JD 336 with thrower
New JD 346 with thrower

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New JD 34 with pickup attch.
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Used Hesston PT 10
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Windrowers in stock
New JD 1209 windrower

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New Brillion 9 ft. offset
New Bushog and JD rotary mowers in stock.

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classified ads

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Words	(1) Issue	(3) Issues
14 or Less	$1 00	$2 40
15	1 05	2 52
16	1 12	2 69
17	1 19	2 86
18	1 26	3 03
19	1 33	3 20
20	1 40	3 36

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Ph Lancaster 394-3047 or Lititz 626-2191

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Ford 8 ft. Transport Disc Harrow.
IH 503 Combine
Used J.D. 24 T Baler
Used IH 46 Baler both with engines

M.M. WEAVER & SONS
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For Sale - Deutz 5505 Tractor, completely rebuilt, A-1 condition. Call John L. Stauffer, 215-445-6175

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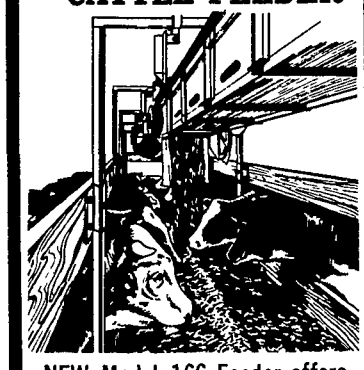

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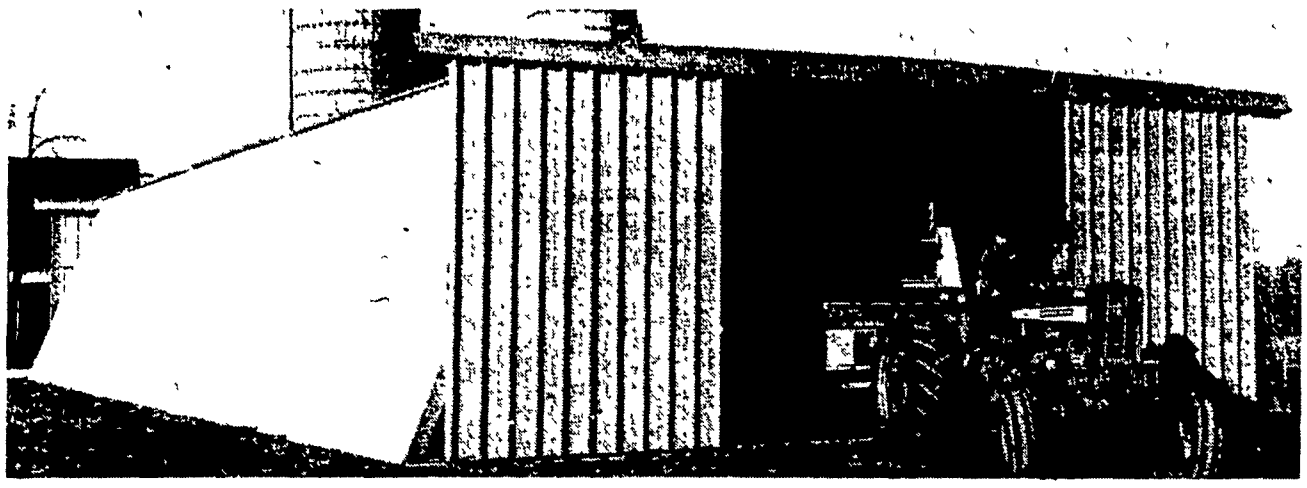

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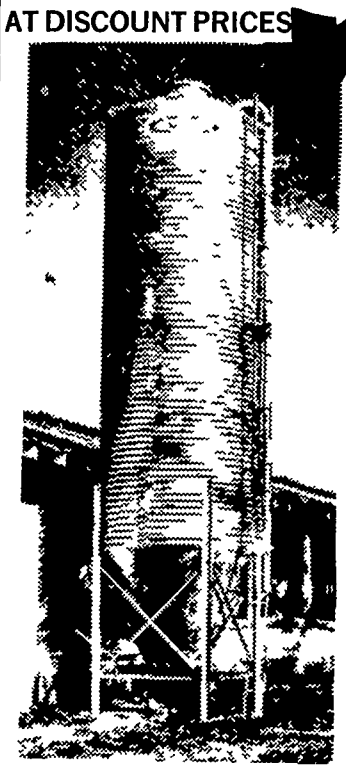

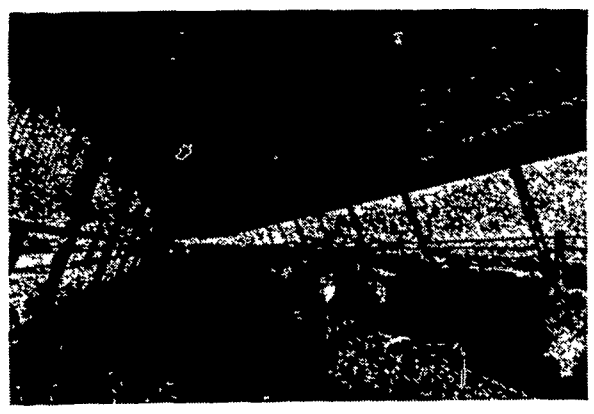

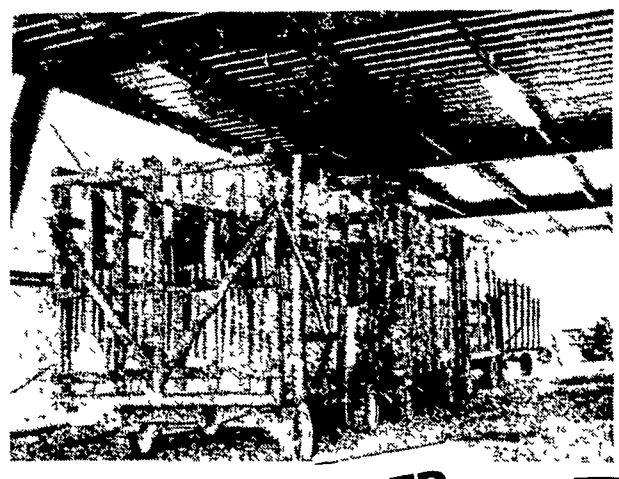

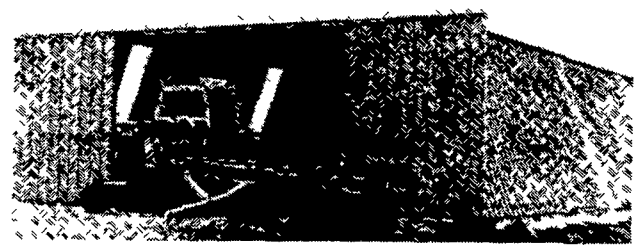

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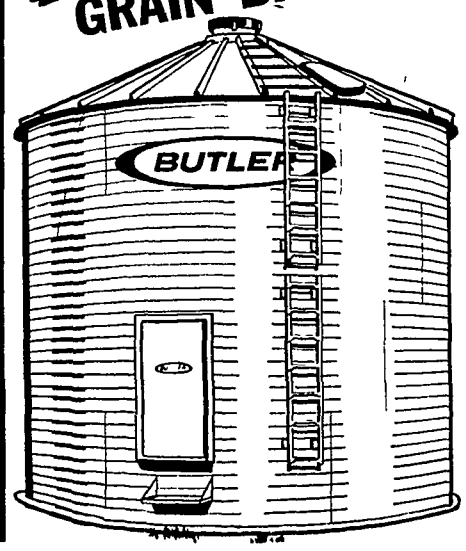

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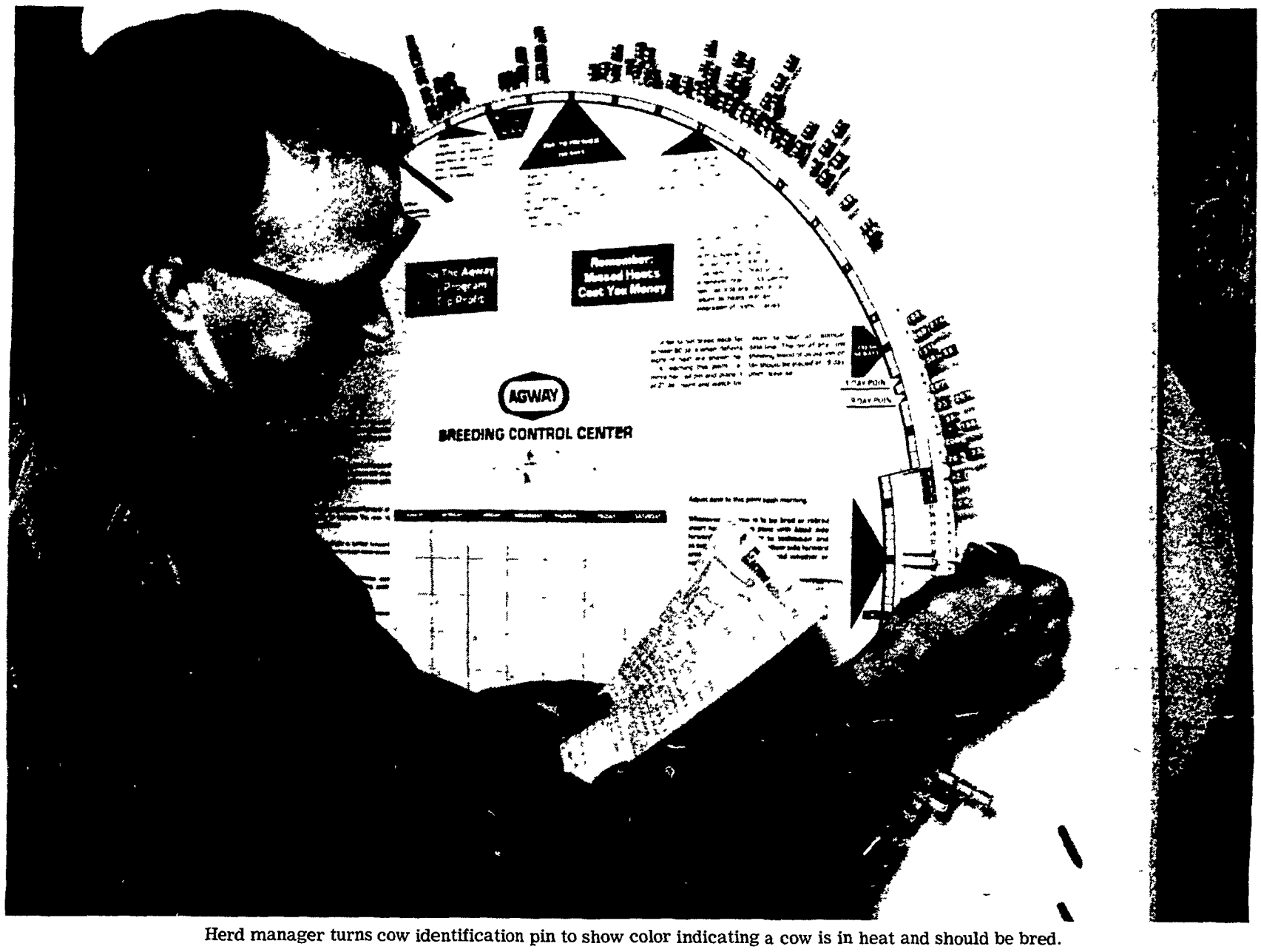

Herd manager turns cow identification pin to show color indicating a cow is in heat and should be bred.

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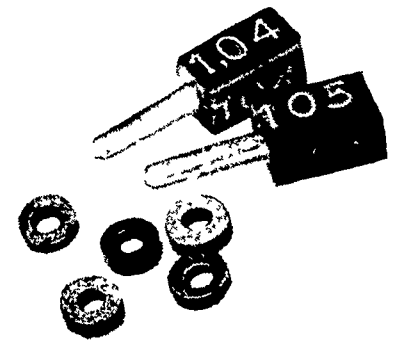

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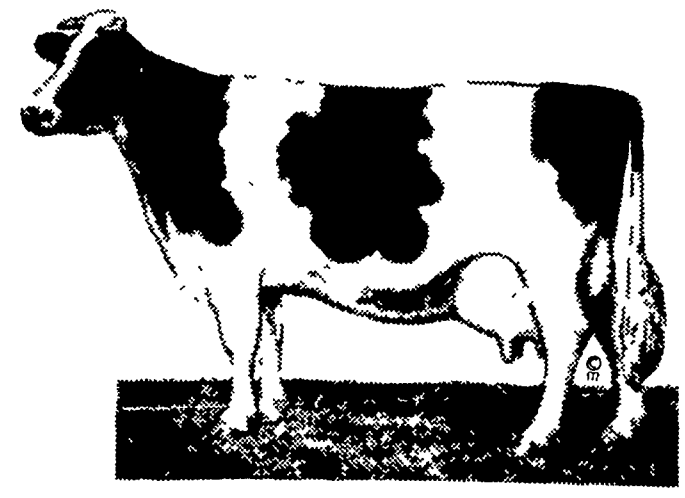

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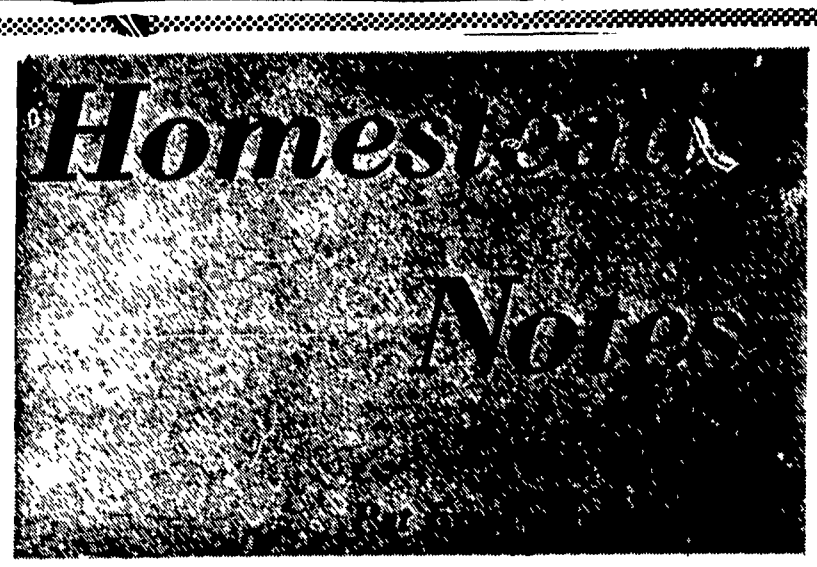


Mr. and Mrs. J. Floyd Kreider and Children. . .

Dairying Is A Family Project At The Kreiders

Farm Feature Writer

By Mrs. Charles McSparran

The number of dairy herds in this area has decreased by at least 50 percent in the last generation but the size of dairy herds has increased to the point that as much milk is still being produced. The trend is greater than ever to increase the production per cow. This is being done by feeding more high quality farm grown feeds and better commercial supplements, also by better dairying practices, but probably mostly by better breeding. No one can afford to have ordinary cows today. They must be the very best. Local dairymen have risen to the occasion through efficiency in production, milk testing, artificial breeding and larger herds.

A dairyman who was born and raised on an average size dairy farm was J. Floyd Kreider of Mount Joy RD? Floyd's father, Mahlon, had an average size herd of 25 cows on his farm near Manheim. In comparison to the size of his father's size dairy operation Floyd hs 50 registered Holstein cows and 40 heifers. He is in DHIA and is building up his herd production through good blood lines and feeds his cows the same amount of high quality feed when they are on pasture as when they are confined to the barn in winter. The result can be observed by the pasture not being leveled to the ground, because the cows are not hungry. He obtains a better price on his commercial feed by contracting for it in the fall. He has a truck and hauls his feed to the farm.

Floyd has had 16 Ivanhoe animals and a number have his blood line. "Belle", an Ivanhoe eight-year-old cow which he raised, now produces over 25,000 pounds of milk and over 1000 pounds of butterfat. Her daughter "Kristy," a three-year-old, produced 17,071 pounds of milk with 576 pounds of fat this year. His best cow, "Blossom", has a top record of 26,721 pounds of milk with 926 pounds of fat. Another, "Dottie", produced 21,460 pounds of milk with 935 pounds of fat. Several of his cows are milking over 100 pounds a day.

He raises practically all the calves, mostly for herd replacements but sells a few. He even raises the bull calves. He sells the better bred bulls to farmers for herd sires and the others are sold for veal when they weigh from 300 to 400 pounds.

Kreiders live on and rent the Henry Eby Estate farm on Eby-Chickies Road near Salunga where they have been in the dairy business for 18 years. Kreider also rents the Strickler farm and the Buch farm nearby. Altogether he farms about 200 acres. He raises about 50 acres of alfalfa and 125 acres of corn. He has to buy some ear corn. He grinds all his own feed in a hammermill. He is also finishing about 200 head of steers. He has about one-third each of Angus, Herefords and Charolais-Angus crossbreds. Kreiders raised 10,000 broilers for about 10 years or more but have changed over to the steers this year. This is not the first trial at steers, however, as Mr. Kreider had 100 a few years ago.

Kreiders' is a family enterprise. Mrs. Dorothy ("Dottie") Kreider did not grow up on a farm but likes living on the farm and helped by carrying milk before they had a pipeline milker and ran the tractors before the children were big enough to help. Now the three children help in various ways and they have one hired man. Mrs. Kreider says "We use a lot of milk and I use a lot in cooking." What better way to promote milk?

Kreiders have three children. Brenda, 17, graduating now from Hempfield High School, took the commercial course She wants to take courses to become a dental technician. She took piano lessons six years and sang in the school chorus Brenda helps with the housework and used to help with the barn work

Barry, 14, is in seventh grade at Centerville Junior High School. He was on the basketball team last year. He wants to be a farmer He likes to work with the steers He feeds the steers, helps to clean stables, beds the cows, did some plowing and most of the harrowing this spring

Beverly is 10 and in Landisville Elementary School She feeds the calves and does chores around the home.

Brenda was one of the contestants last year in the Lancaster County Dairy Princess pageant She has been in the 4-H Dairy Club six years She had the champion senior calf two years ago This animal, "Kristy", is in the Kreider herd now as mentioned previously. She will show Kristy's eight-month-old-daughter this year in 4-H. Beverly will be in the 4-H Dairy Club too this year for the first and will show an eight-month-old calf. Brenda has been in the Landisville 4-H Sewing Club about four years and makes her own clothes now. She most recently made an evening gown to wear to her high school Junior-Senior banquet. Beverly will also be in the 4-H sewing club this year.

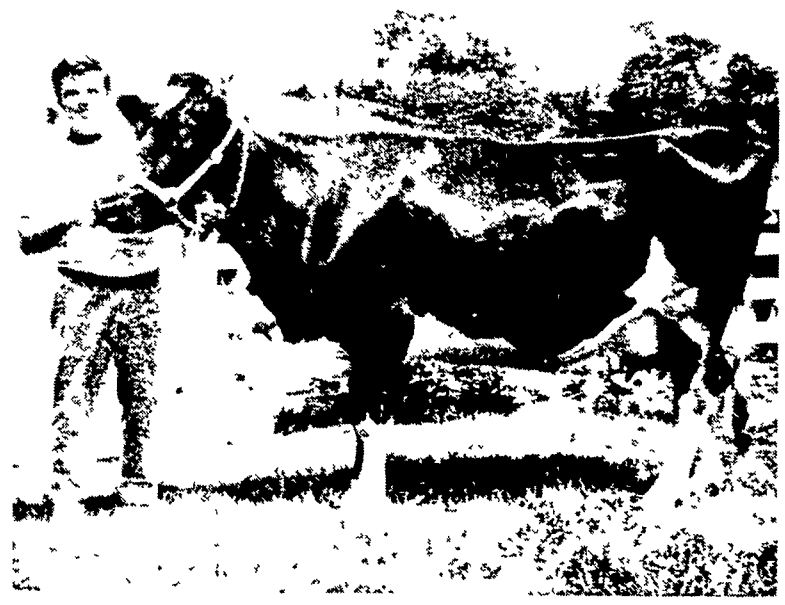
Mrs. Kreider, besides keeping house and cooking for her family, also works four or five days a week at Provident Book Store at Park City, Lancaster, as a saleslady and helps her aunt, Alma Benner, in the crafts department They are working with foil this month in crafts. Mrs. Kreider worked with crafts at church and some of her own projects. She will limit her working at the store to three days a week this summer. She had worked at the Kiddie Shoppe at Park City eight months prior to working at Provident Book Store.

Dottie is the daughter of Mr. and Mrs. Paul Hershey who live east of Lancaster. Her father developed Dorothea Park which was named for Dottie. She grew up near there and graduated from East Lampeter High School She worked as a bookkeeper at the Lancaster County Bank for two and a half years after graduation.

(Continued On Page 36)

Mrs. Kreider holds a glass butter dish from a set which belonged to her Grandmother Hershey. Carpet beater and a ladies fan on the wall beside the tobacco sizing box she refinished. She bought the jelly cupboard and picture above it. Behind her is the pie board. To her right is a dry sink she bought. Some rare ironstone pieces are displayed on the jelly cupboard and dry sink.

Mrs Dottie Kreider holds an antique cocoa pitcher she bought. Behind her is a dried arrangement in an antique brass jardiniere. It is setting on a marble top bureau with an antique mirror above it. Plaster of Paris picture is on the wall. A coverlet is on the arm of the Eby rocker.



J. Floyd Kreider shows his daughter Brenda's 4-H animal. Now as a 3-year-old, her yearly record is 17,071 of milk and 576 of fat.

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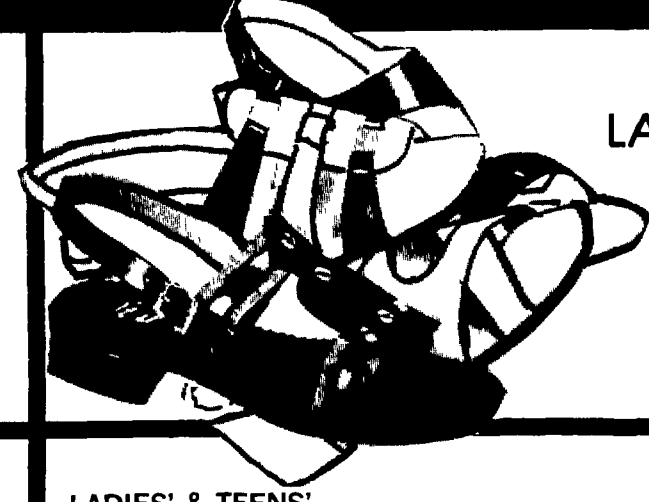

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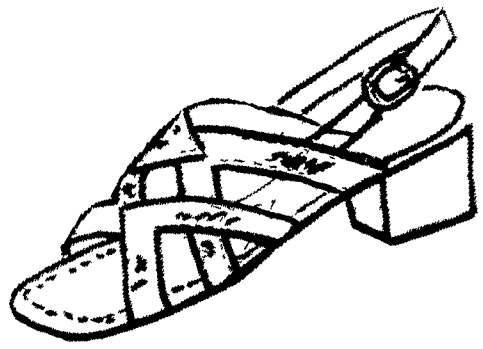

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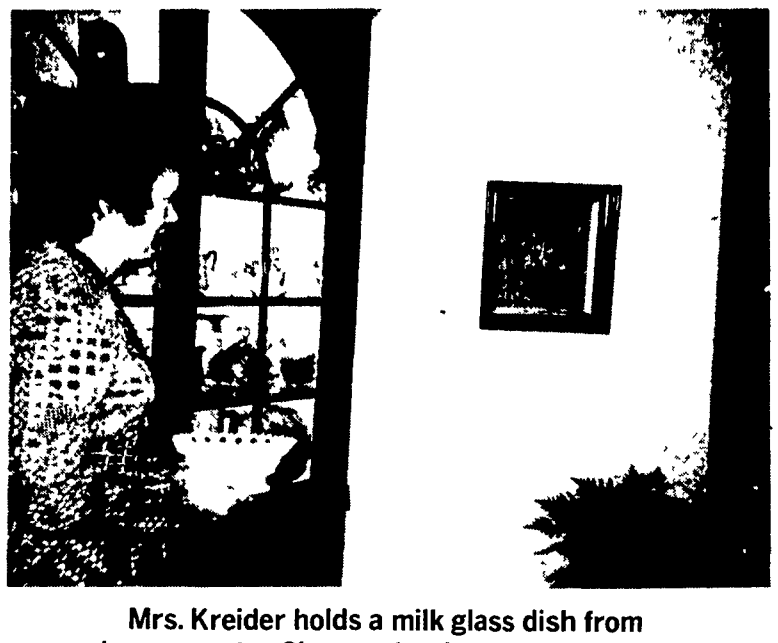
Dairying Is A Family Project At The Kreiders

(Continued From Page 34)

Kreiders belong to the Mount Joy Mennonite Church. Dottie belongs to their younger group sewing circle. She did sew for it and was quite active in it, having been secretary-treasurer. The circle makes favors for hospitals, crib covers and assembles health kits for overseas, sewing kits, house kits and school kits. Dottie is treasurer of her Sunday School class. Floyd is an usher and sings with a mixed group at church. Brenda is secretary of their church Mennonite Youth Fellowship.

Floyd is a member of Mount Joy Co-op where he sells his milk, of the Pennsylvania Farmers Association, the Lancaster County Holstein Association, the Holstein-Friesian of America, the National Farmers Union and is a past director of Lancaster County DHIA He loves to hunt. They have a hunting cabin in Huntingdon County and he has hunted in Maine. He also enjoys hunting small game. He has a deer head and a pheasant mounted.



Mrs. Kreider holds a milk glass dish from her parents. She made the needlepoint picture on the wall. Her corner cupboard holds antique dishes.

The family enjoys going to the cabin in the summer. They also go to Ocean City, N. J. in the summer. Last year they were there a week. The family bowls with a church group once a week except only once a month in the summer. Floyd used to bowl in the Feed and Hatchery League at Lancaster Lanes.

All the family works on the lawn but Barry does most of the mowing. They have a lot of pretty peonies in bloom now. Mrs. Kreider has planted a number of annual flowers such as scarlet sage, cockscomb of both varieties, geraniums, petunias, coleuses and marigolds. She dries some of the cockscombs.

In the craft lines Mrs. Kreider gathers weeds, grains and uses the dried cockscomb to make arrangements. Her grandfather, John Denlinger, raised flowers and dried them and taught her to. She does decoupage, has made a needlepoint picture, knitted a hat for daughter and made a sweater. She made aprons and cross-stitched them. She does some sewing. She used to make all the girls and her own clothes. She also made a few drapes.

Her main hobby is her antique collection. She has two rooms in her house that are furnished entirely with them. On the walls are many old pictures in antique frames, plaster of paris pictures, a carpet beater, and old fan, a round pie board on which are mounted a small rolling pin, a small grater and numerous other pieces and she has a tobacco sizing box on the wall filled with miniature antique objects. She has an antique corner cupboard filled with antique ironstone and china dishes and glassware which came from their families largely. She has old books and two coverlets. Among her pieces of furniture are a jelly cupboard, wash stand, oak dining table and chairs, rocker, marble top bureau, dry sink, sofa and a chest. They bought most of the furniture but some came from their grandparents and from Henry Eby who owned the property where they live.

Dottie likes to cook. Why not try some of her recipes using milk or milk products and help promote JUNE DAIRY MONTH.

XXXX

Speedy Cheesecake
(Makes one 9 inch pie)

1¼ cups plain or cinnamon graham cracker crumbs
6 tablespoons butter, melted
8-oz. pkg. cream cheese
½ cup sugar

(Continued On Page 37)

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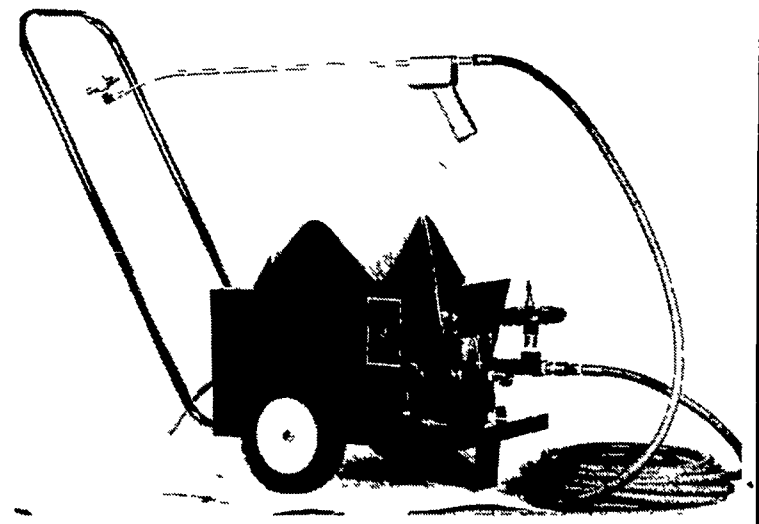

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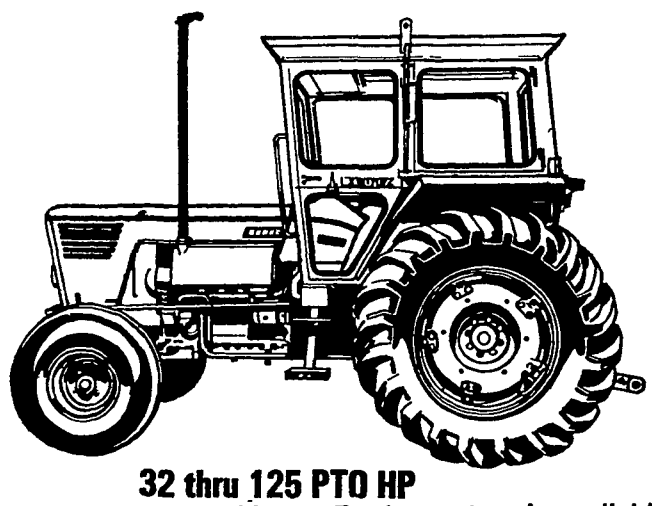

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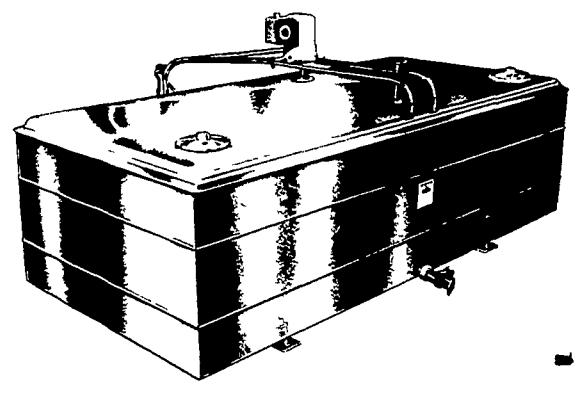

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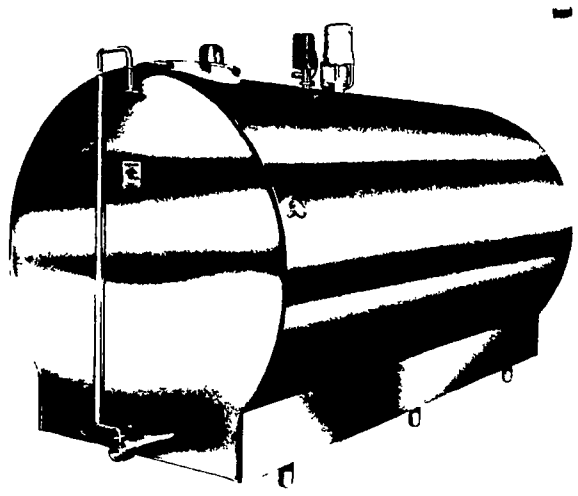

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Dairying Is A Family Project At The Kreiders

(Continued From Page 36)

1½ teaspoons lemon juice
½ teaspoon vanilla
Dash salt
2 eggs
1 cup dairy sour cream
2 tablespoons sugar
½ teaspoon vanilla

1 cup snipped dates
¼ cup sugar
¾ cup water
1 tablespoon lemon juice

To make crust, combine cracker crumbs and melted butter Press into buttered 9 inch pie plate, building up sides.

For filling, beat cream cheese till fluffy. Gradually blend in next four ingredients. Add eggs, beating after each. Pour into crust and bake in a slow oven (325 degrees) till set, about 35-40 minutes.

Combine sour cream, 2 tablespoons sugar and ½ teaspoon vanilla. Spoon over top of pie; bake 10 minutes longer Cool. Spread with date glaze and chill several hours.

To make date glaze, combine dates, sugar and water. Bring to boiling, cover; simmer 7-8 minutes, stirring. Add lemon juice and salt. Cool.

XXXX

Lasagne

1 pack of lasagne noodles
1 pound ground beef
1 jar spaghetti sauce (or your own sauce)
1 cup tomato juice
1½ teaspoons salt
¾ teaspoon oregano
1 cup shredded mozerella or long horn cheese
2 eggs
Salt and pepper
¼ teaspoon oregano.

Brown meat. Add sauce, tomato juice, salt, pepper and oregano and simmer for 15 minutes. Make a mixture of shredded cheese, eggs, salt, pepper and oregano Put a little sauce in the bottom of a 13x9x2 inch casserole. Alternate layers of noodles, sauce, cheese, ending with a layer of sauce. Sprinkle with parmesian cheese. Bake at 375 degrees for 30-40 minutes

XXXX

Whipped Pineapple Salad

2 3-oz. boxes lime jello
3 cups water

Dissolve and let jello in refrigerator till it starts to thicken Beat in electric mixer until peaks form. Then mix in the following

1 3-oz. pkg. cream cheese
1 20-oz can crushed pineapple
1 cup apple sauce
2 cups of whipped cream (1 cup whipping cream)
1 cup small marshmallows (enough to cover bottom of mold)

Pour into a mold and chill until firm

XXXX

Tapioca Fluff

Combine
1 qt milk
¼ cup quick cooking tapioca
½ cup sugar
¼ teaspoon salt

Let stand 5 minutes. Add 3 slightly beaten egg yolks. Bring quickly to boiling, stir constantly. Remove from heat (mixture will be thin). Add 1½ teaspoons vanilla.

Beat 3 egg whites stiff. Put about 1-3 of the beaten egg whites in large bowl. Slowly stir in the hot mixture. Fold in remaining egg white, leaving little "pillows" of egg white. Chill.

Serve in sherbets. Top with fruit or jelly. Serves 8 to 10.

XXXX

Busy Day Cake

(Double recipe to make a 9x13 cake)

1 2-3 cups all-purpose flour or 2 cups cake flour
1 cup sugar
½ teaspoon salt
2½ teaspoons baking powder
1-3 cup shortening
1 egg
2-3 cup milk
1 teaspoon vanilla

For ease in measuring· Pour milk into measuring cup, up to 2-3 mark. Add shortening, keeping it under the milk until it reaches the line indicating 1 cup. Sift flour Measure and add salt and baking powder Sift again Add shortening, milk, unbeaten egg and vanilla, all at once, to sifted dry ingredients Beat well for 2½ minutes Pour into a greased oblong pan For a 9x13 or an 8x12 inch cake pan, bake at 350 degrees for 35 to 40 minutes

While cake is baking, mix together the following

3 tablespoons melted butter
4 tablespoons cream
2-3 cup brown sugar, packed
½ cup shredded coconut
¼ cup nuts.

Spread mixture on cake while it is warm. Do not remove cake from pan. Put cake under broiler until frosting bubbles

Rug Buying

The cost of a rug or carpet depends on the basic fiber content, amount of surface yarn, style and method of construction. Choose the best quality carpet or rug that your budget will allow, advise Extension home furnishing specialists at The Pennsylvania State University. A densely packed pile will look better and give longer wear then one with sparse surface pile of the same fiber

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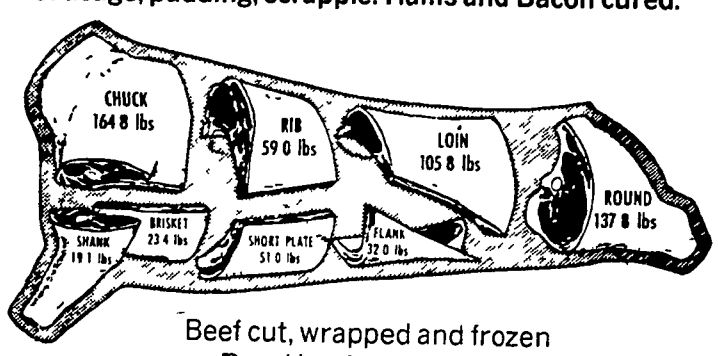

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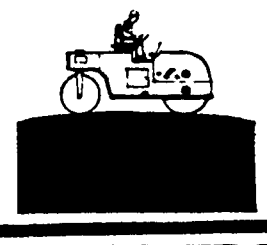

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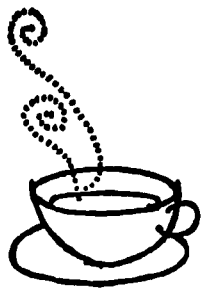

Ladies, Have You Heard?

By Doris Thomas, Extension Home Economist

Doris Thomas

How To Finish Seams On Single Knits

"Bunchy" seams are not in fashion. But the seams of single knit garments tend to roll. And this causes a bulky unpressed look at the seamline. You should take some preventative measures to keep this from happening to garments you make.

One way of preventing bunchy seams is to double stitch the seam and trim to one-quarter inch. Or, double stitch with the zigzag attachment on your sewing machine and then trim.

Another way to keep the seams from rolling in knits is to stitch with the seam pressed open. Then stitch one-quarter inch from the seam edge. Or try using the overedge stitch followed by trimming the seam to one-quarter inch.

Once you have sewn a seam and finished the edges, it may need to be stabilized. To do this, sew horizontal or curved seams, in such places as the waistline or shoulder, with seam tape or cotton twill to keep the garment from stretching out of shape.

New Look For Glass Draperies

Along with their many advantages, fiberglass curtains and draperies have had one disadvantage – the glass fabric was available in few textures. However, that has changed now.

Glass draperies in several textures and finishes are being introduced nationwide.

Casement draperies will be offered in eight textures and many colors. The antique satin texture will be available in two finishes. Linen-weave glass draperies are another innovation.

The products will have other qualities new to glass products -- they will be super soft and easily drapable. Those of the past have tended to be stiff.

Glass curtains and draperies have always been known for their excellent resistance to sunlight fading and to fire. They're also durable, don't stretch, sag or wrinkle. Machine washability is another plus. But you must rinse the machine throughly afterward and follow washing instructions very carefully.

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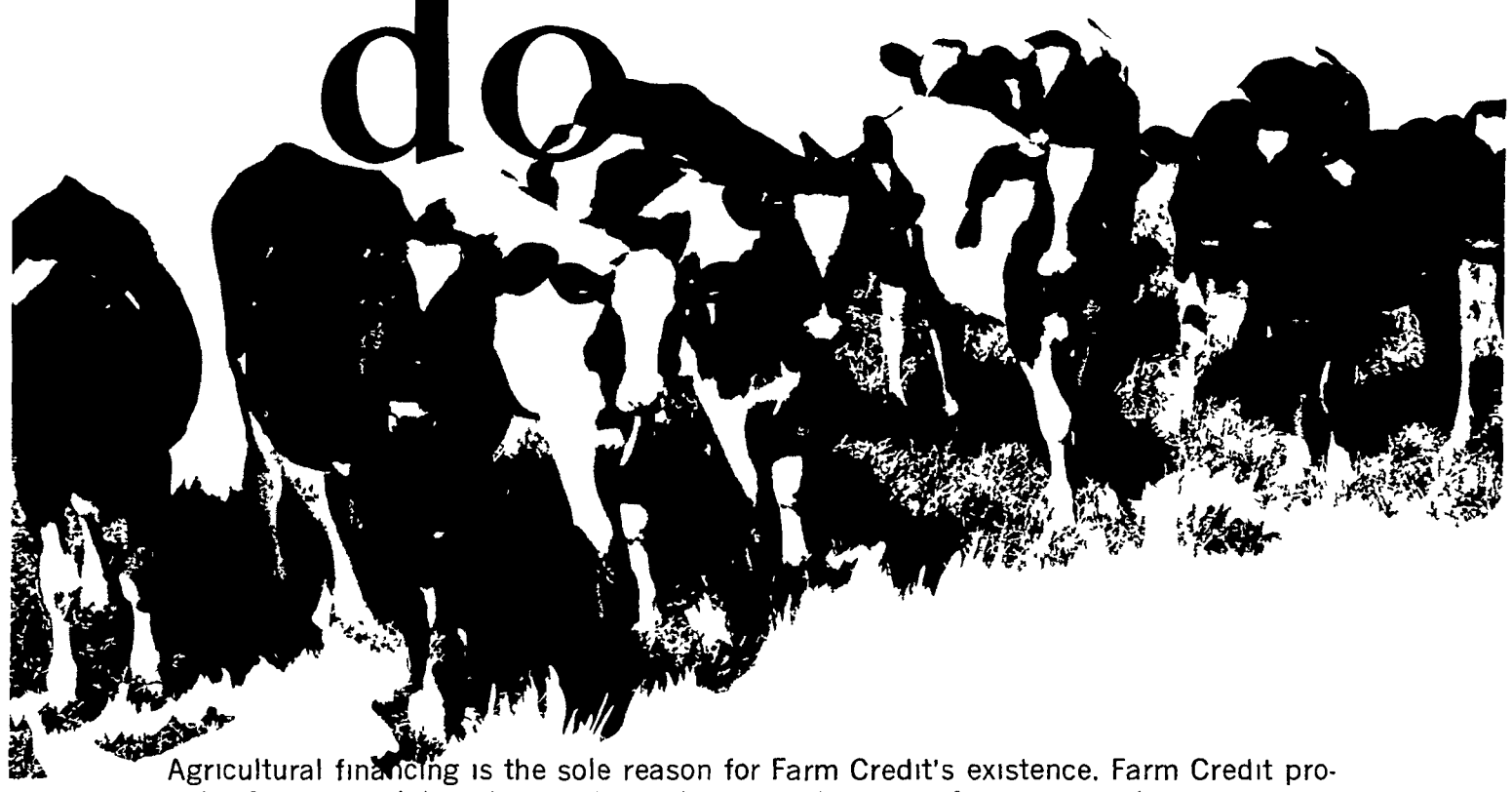

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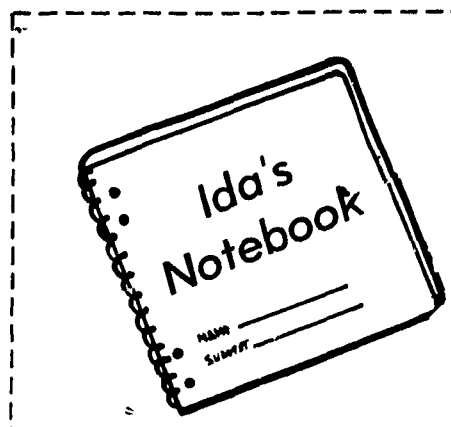

Ida Risser

June is the month of graduations, weddings, school and college vacations plus strawberry and pea-picking time. As most of the things mentioned above will happen in our family, I'm sure this will be a busy and exciting month.

One boy comes home from Penn State and another three children are looking forward to a school vacation. Some of them plan to work off the farm this year. Another son will be married in Washington, D. C.

Usually, the peas and strawberries take up most of the first two weeks in June. This year we shall have to make many jars of jam and jelly as our supply is low. Even though we have a smaller family circle, the children seem to eat more as they grow older.

XXXX

Recently I spent several hours helping other church members pack clothes for the Lancaster Clothing Bank. When the boxes were delivered we learned that they had no use for little girls dresses. It seems they simply don't wear them Styles have changed and pants are in vogue.

Even in my own home, I've learned not to turn up frayed cuffs -- they want them that way. Shirts are worn hanging out and not tucked in; underwear keeps getting smaller and smaller. There's no use fighting the trend.

XXXX

It doesn't seem possible but we are now looking for a college for our fourth child -- how time flies I comfort myself by thinking it is a year till she leaves but I know it will pass rapidly.

From past experience, I've learned that when they leave for college it somehow severs the home ties; which is as it should be. We want them to be independent but still it hurts

Apples And Pears Favored in Europe

Fond of fruit? So are Europeans. The average European consumes 45 pounds of apples a year and 17 pounds of pears. In the U.S., the average individual consumes about 27 pounds of apples annually and close to five pounds of pears.

This European fondness for fruit was revealed recently by Walter Mueller of the Swiss Federal Research Station at Wadenswil, Switzerland, a counterpart of the U. S. Department of Agriculture. Mueller is observing apple production in the United States on a six-month leave of absence.

The Swiss horticulturist has been traveling and examining the fruit processing industry of the southeastern Pennsylvania counties. Working with him have been Dr. George M. Greene and associates of the Fruit Research Laboratory at Biglerville The lab is operated by the Agricultural Experiment Station at The Pennsylvania State University.

In Switzerland, says Mueller, cider and wine are used extensively at mealtimes. Swiss use of apples is divided equally between fresh fruit and apples processed into juice and wine. As in the U. S., the amount of fruit consumed varied from year to year depending upon the crop and the market situation.

Switzerland has two horticultural research stations, one to meet the needs of German-speaking citizens near Zurich, and the other at Lausanne for those who speak French. In addition, says Mueller, there is a research substation in the southern area, near the Italian border, for Swiss who speak Italian.

Mueller believes his countrymen are about 10 years ahead of the U. S. in using dwarfing rootstocks for fruit trees. Seventy per cent of the apples produced in Switzerland are now grown on dwarf and semi-dwarf trees.

Milk Nightcap Provides A More Restful Sleep

There is a popular belief that a glass of milk at bedtime helps you sleep better. Now there is scientific proof from both sides of the Atlantic that milk is a sleep inducer, reminds Joe S. Taylor dairy specialist at The Pennsylvania State University.

Researchers have even isolated the component of milk, an amino acid called tryptophan, that acts as a mild sleep inducing sedative.

At the University of Oklahoma Medical School, research workers state that their data has proven that after consuming a glass of milk you fall asleep sooner, sleep more deeply, and will not wake up so often during the night.

Physicians at the Royal Edinburgh Hospital in Scotland, state that milk consumed at bedtime diminished restlessness in their younger subjects and enabled older adults to sleep longer.

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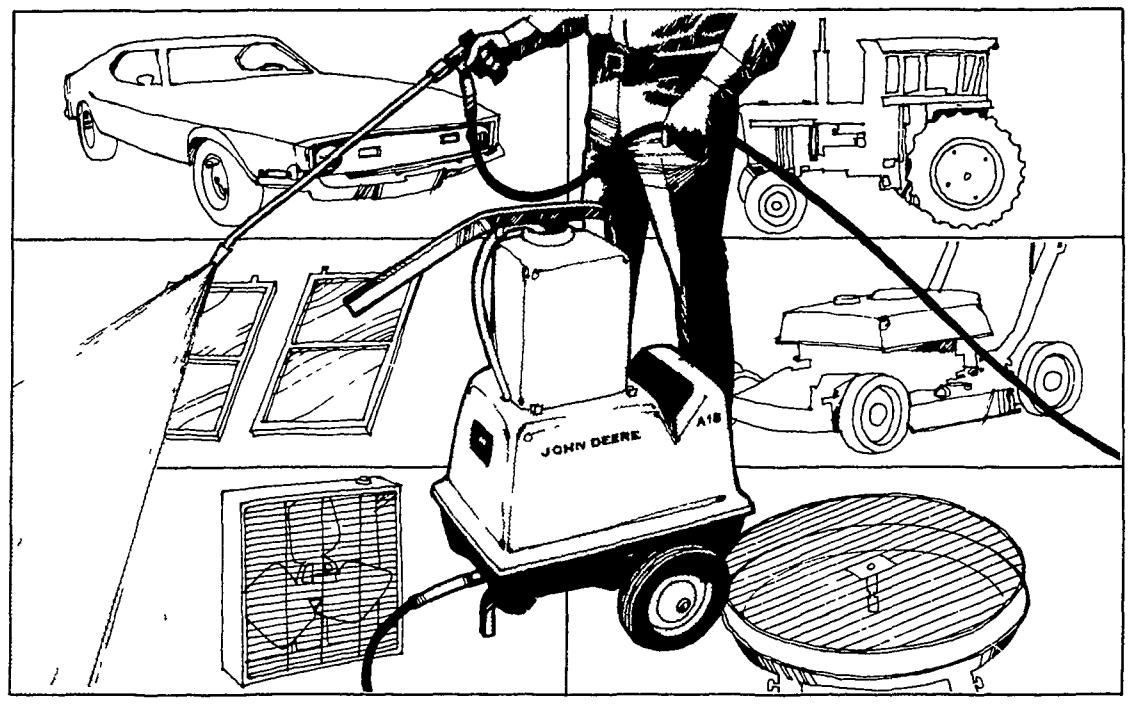

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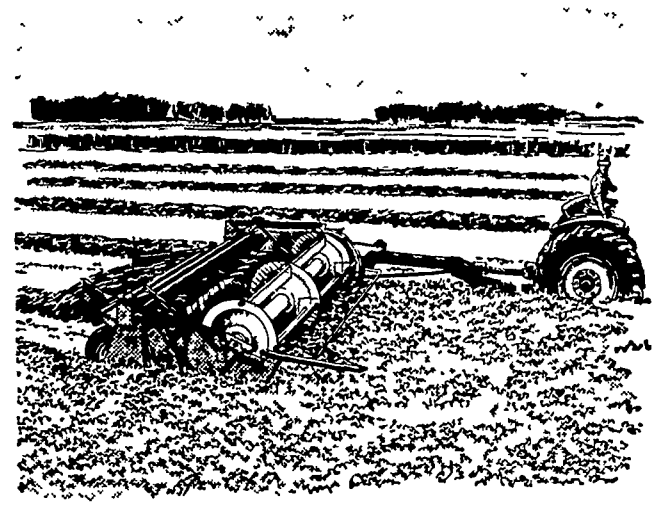

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Farm Women Societies

Society 4

Farm Women Society 4 members met at the home of Mrs. Alvin (Clara) Musser, Columbia RD2 on Saturday, May 26, with Mrs. Fannie Schaffer serving as cohostess.

Mrs. Franklin Marsh, chairman of the home economics department at Penn Manor High School, assisted by Mrs. James (Donna) Benson, teacher of home economics at Penn Manor, demonstrated use of the Blender They demonstrated such goodies as Dieter's Dip, Tomato Juice Pick-Me-Up, Pink Applesauce, Danish Fruit Soup, Mocha Whipped Cream Pie and Strawberry-Buttermilk Drink

Mrs. Benson, an accomplished musician, entertained the group with vocal selections of Broadway Hits.

Mrs. E. Robert (Ann) Nolt, president, presided at the business meeting. A donation of $50 was voted for the County Project, the Welsh Mountain Clinic, and $25 to be given to a home ec senior at commencement exercises at Hempfield High School on June 6.

Special piano selections were given by Lynn and Cindy Musser of Wormleysburg, granddaughters of the hostess.

The next meeting will be a luncheon held at 12:30 p.m. Saturday, June 23 at the Mountville Church of the Brethren. Members of Society 19 and County Officers will be guests.

Society 26

Farm Women Society 26 members entertained 17 guests from Society 10 recently at the Wenger Clinic, 1516 Lititz Pike. Mrs Clyde Buchen and Mrs. Robert Summy were hostesses. Devotions were led by Mrs. LeRoy Esbenshade.

The Society decided to buy a cassette player for Dean Hershey, son of a member who was recently involved in an accident.

Mrs. Charles Adams was speaker for the evening. Her topic was "This Is The Day the Lord Has Given."

The next meeting of Society 26 will be at 7:30 p.m. June 28. Mrs. Jay Hershey, Manheim RD2, will be the hostess. The program will include a speaker from Teen Challenge.

Society 27

Farm Women Society 27 members met recently at the home of Mrs. John H. Hershey, when surprise telephone calls created the setting for the "come as you are" Fun Night.

Mrs. Daniel Stoltzfus was cohostess. Mrs. Herbert Frey was in charge of the devotions and Mrs. Lester Good led the flag salute. Roll call for the 28 members and five guests present was: time when called; did you come the way you looked when called, and what work didn't you get finished today.

The members attire was judged and awards were given. The members who received awards were: Mrs. Russell Swarr for "the person who must always look her best"; Mrs. Wilbur Erb for "the person whose husband worked her the hardest today"; Mrs. Glenn Shenk for "the person who should go back to bed"; Mrs. Robert Dunkleberger for "the person who needs more time to fix up."; Mrs. James Garber for "the person who burns her candle at both ends"; Mrs. Witmer Sherer for "the person who looks like the most typical farm woman."

Among the guests were Mrs. Ada Hershey and Mrs. Anna Groff. They entertained the Society with two duet selections on the piano.

After selecting instructions from a fish bowl, each member presented an impromptu performance as part of the Fun Night entertainment.

The Society's family picnic will be held at 12:30 p m. June 24 at the farm of Mr and Mrs. Galen Benner

Society 29

Farm Women Society 29 entertained mothers and daughters at a banquet at the Good 'n Plenty Restaurant last week. The committee in charge of arrangements was Mrs. Joseph Russell, chairman; Mrs. Robert Herr, Mrs John Heisey and Mrs. Lindley Wells.

Following a family-style meal a short business meeting was conducted. Miss Sylvia Ranck read a poem entitled "Mothers" to begin the program.

The guest speaker, Mrs. Lehman Keener, was introduced. She pursued the subject "A Mother and A Plight."

Centerpieces of candles and candle rings were presented as prizes to persons who fit the qualifications of : youngest attending; oldest attending; most grandchildren; smallest foot; most pictures of family in wallet, and a winner at random.

Mrs. Walter Mowrer and her mother, Mrs. Earhart, closed the evening program with a special duet.

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ROOF RAMROD pulverizes glass, smashes tin cans, emasculates branches (up to 1" in diameter), masticates leaves, grass clippings, bagging them all. Dust-proof zippered flannel-lined canvas bag contains disposable plastic bag.

ROOF RAMROD serves as trail-vacuum, too. Picks up and bags grass clippings, leaves, cans, bottles, rocks, paper. Only a hitch (optional at extra cost) is necessary to enable you to pull it with your riding lawn mower or garden tractor. Or use the Roof Ramrod as a blower to windrow leaves, or to blow drives, sidewalks, patios clean Sure you can use it as a snow blower in dry snow.

ROOF RAMROD, when equipped with blower baffle and nozzle, can easily be set to blow straight ahead or 90 degrees to left of operator. A ¼" electric welded steel impeller moves maximum volume of air to windrow leaves, grass. Blows sidewalks and drives clean. Blows debris out from under trees, bushes, shrubs where you can get to it without cuts, bruises, scratches.

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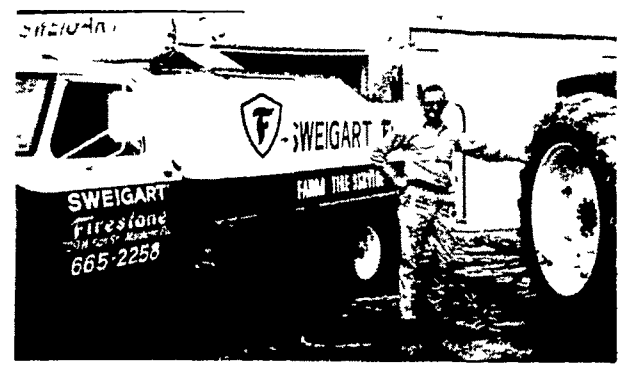

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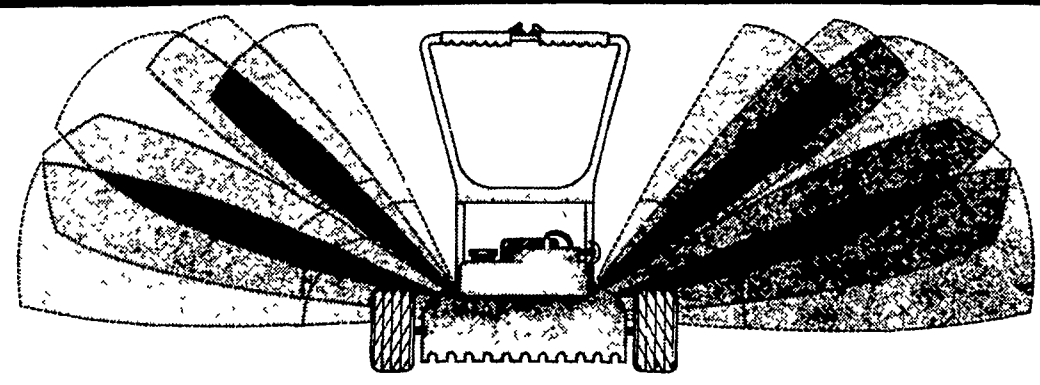
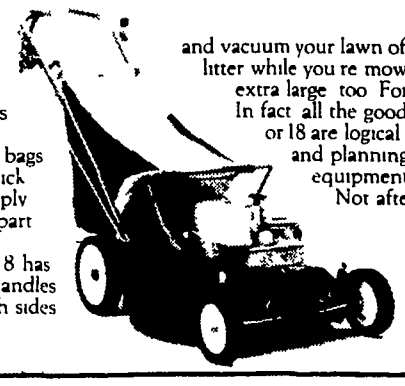


If you were going to design a lawn mower, where would you put the grass catcher?

On the right side so it bumps into whatever's sticking up on your right? On the left side so it does the same there?

The fact is most grass bags are afterthoughts They stick out to one side They simply weren't designed to be a part of the mower

The Snapper V21 or 18 has its grass bag between the handles You can close trim on both sides



and vacuum your lawn of pine straw, leaves and light litter while you're mowing We made the grass bag extra large too For less emptying

In fact all the good things about Snapper V21 or 18 are logical The result of sound design and planning by people who make lawn equipment and only lawn equipment Not afterthoughts "

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Recipe Exchange. . .

At Home On The Range

Since this is the annual Dairy Issue, we have tried to choose recipes for this week specifically using dairy products -- milk, cheese, whipped cream, baked puddings served with either cream or milk....

Many more recipes are available, we are sure, with many eager readers waiting to hear from you. It's so easy to share a recipe you might have. Write down your choice, or choices, and send to : Recipes, Lancaster Farming, Box 266, Lititz, Pa. 17543. We'll send you a potholder as our way of saying "Thanks".

XXXX

Chocolate Ice Cream Sandwiches

¼ cup cocoa, or 2 squares melted chocolate
1½ cups milk
¼ teaspoon salt
½ cup margarine, melted
¼ cup sugar
1¼ cups sugar
6 egg yolks
2 cups graham cracker crumbs (about 32 crackers)
6 egg whites
2 cups whipping cream
2 teaspoons vanilla

Melt chocolate; blend in ¼ cup sugar and milk and bring to a scald. Add well-beaten egg yolks to which some sugar has been added. Cook until thick; cool.

Add ¼ cup sugar to melted margarine, blend; add the crumbs.

Beat egg whites. Add remaining cup of sugar and salt.

Whip cream.

Combine chocolate mixture, egg whites, vanilla and cream.

Into a 13x9x2-inch pan put half of the crumbs. Add the chocolate mixture, then the remaining crumbs. Cover with a lid or aluminum foil.

Place in refrigerator freezing unit overnight. Makes 15 servings.

Mrs. E. Z. Martin
RD1
New Holland

Cherry Cobbler

¼ cup shortening
1 cup sugar
1 egg
1½ cups flour
½ teaspoon salt
2 teaspoons baking powder
1 tablespoon tapioca
1 tablespoon lemon juice
2 tablespoons butter
1-3 cup milk
2 cups cherries, sweetened

Sift flour and measure. Sift flour, baking powder, salt and sugar together. Cut shortening into dry ingredients. Beat egg and add milk. Combine with flour mixture. Stir until flour is damp.

Pour cherries in greased, shallow baking dish. Sprinkle with tapioca, add lemon juice and butter. Drop batter in six mounds on top of cherries. Bake at 400 degrees for 30 minutes. Serve warm with milk or cream. Six servings.

Fresh or canned cherries may be used. Blueberries are also delicious.

Mrs. Benuel H. King
RD4
Lancaster

Quick Icing

1 2-3 cups milk
1 package Dream Whip
1 box instant pudding

Combine in bowl and whip till fluffy.

Mrs. Ernest Holsopple
RD1
Holsopple

XXXX

Cream Filled Doughnuts

1 cup milk, scalded and cooled
2 packages yeast or 2 tablespoons
1 cup lukewarm water
1 teaspoon sugar

Pour yeast into cup of lukewarm water. Add teaspoon sugar and stir. Let stand to cool about five minutes.

Cream together:

½ cup shortening (butter for flavor)
2-3 cup sugar
1½ teaspoons salt

Add well beaten eggs

3 eggs or 4 egg yolks
7 cups sifted bread flour

Add remaining ingredients and mix to soft dough. Let stand till double in bulk, then roll out and cut. Make doughnuts without hole for filling. Let rise till light. Fry in deep fat.

Creamy Filling

2 egg whites, beaten
1 tablespoon flour
4 tablespoons milk
2 cups confectioners sugar (or more)
¾ cup vegetable shortening
2 tablespoons vanilla

Blend until very light, a creamy smooth filling. When doughnuts are cooled punch a hole with knife. Insert filling with cookie press.

Esther Leid
Route 3
Ephrata

Upside Down Pudding

1 cup white sugar
4 egg yolks
3 tablespoons hot water
1 cup sifted flour
1 teaspoon baking powder
Vanilla
4 egg whites

Beat egg whites stiff.

Beat egg yolks and sugar; add hot water, beat again. Add flour, baking powder and vanilla. Add egg whites last. Stir 3 tablespoons butter and one cup brown sugar in a saucepan and melt like caramel pudding.

Drain one can sour cherries; put cherries on top of caramel mixture. Put dough on top. Bake one-half hour in moderate oven.

Serve with milk.

Ellen N. Zimmerman
RD2
Ephrata.

XXXX

Vanilla Pies

1 cup molasses
1 cup sugar
1 egg
1 cup water
1 teaspoon vanilla

Thick Part

2 cups sugar
3 cups flour

(Continued On Page 44)

Farm Women Calendar

Saturday, June 2

1 p.m. -- Farm Women Society 6 entertain Society 21 and County Officers, Elizabethtown Church of the Brethren.

Farm Women Society 1 bus trip to Flemington and Duke Gardens.

Farm Women Society 10 entertain Society 25, Community Room, Gimbels, Park City.

Tuesday, June 5

6:30 p.m. - Farm Women Society 23 Family Picnic; Anne Frey, hostess.

7:30 p m. -- Farm Women Society 2 meeting.

Farm Women of Lancaster County Executive Board meeting; Mrs. Harry Shonk, Society 6, hostess.

Wednesday, June 6

8:15 a.m. -- Farm Women Society 8 bus tour, Chester County; leave from St. Mark's Church, Mount Joy.

Thursday, June 7

1 p.m. -- Farm Women Society 17 meeting.

1:30 p.m. -- Farm Women Society 20 meeting.

Farm Women Society 21 meeting, home of Mrs. Richard Risk.

Saturday, June 9

10:30 a.m. -- Farm Women Society 19 meeting, Landisville Church of God.

1:30 p.m. -- Farm Women Society 25 meeting.

1:30 p.m. -- Farm Women Society 10 meeting, home of Mrs. Mahlon Delp, 145 Delp Road.

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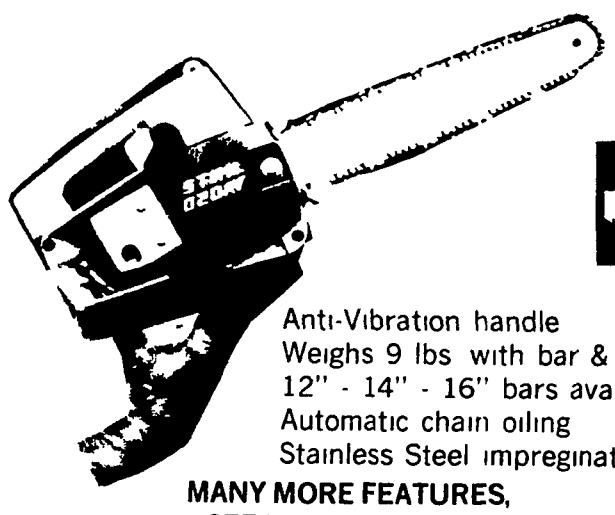

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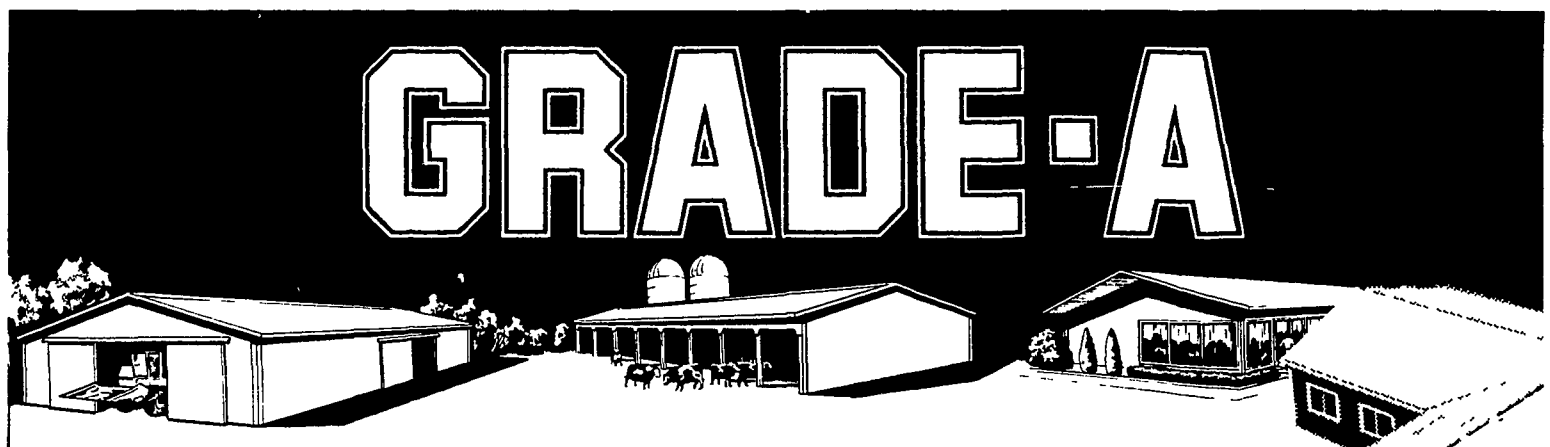

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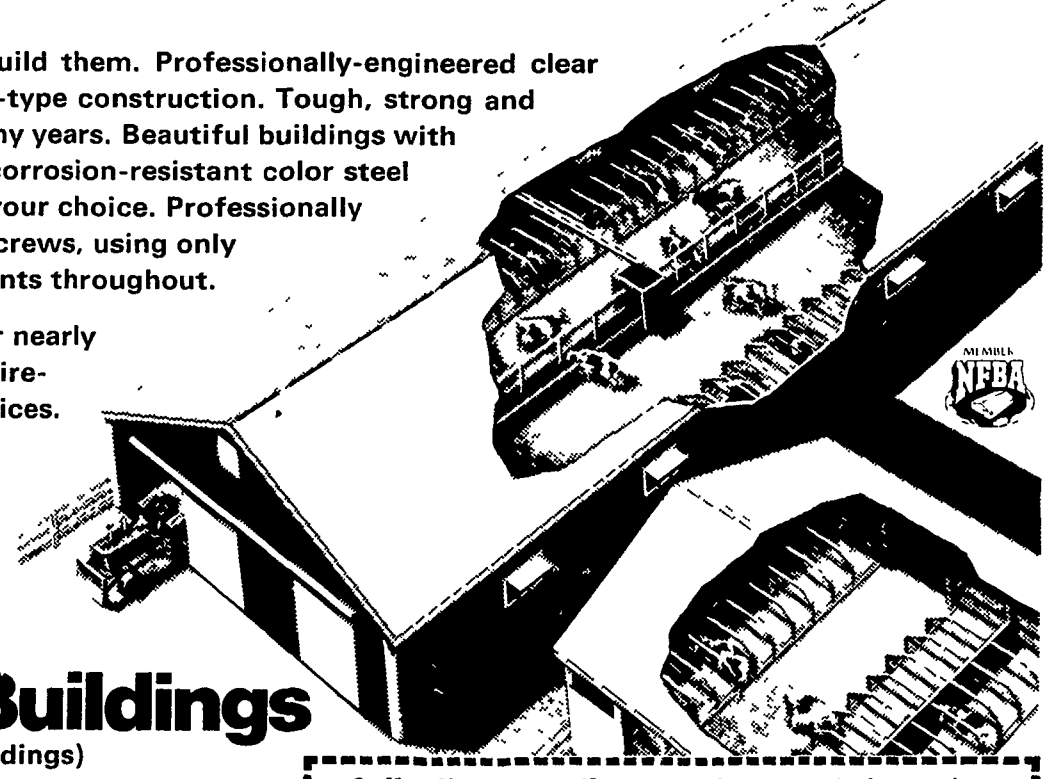

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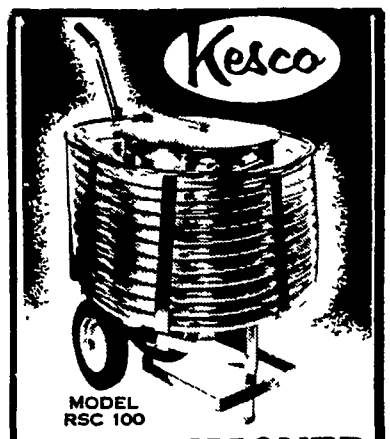

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by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

HOW WE USE CALCIUM

How our bodies use calcium is a fascinating topic. At one time we assumed that the adult skeleton was full grown and did not need new calcium from our diet to sustain itself. Then, some years ago, we discovered through research that bone is constantly in a process of exchange—of giving up some of its calcium and taking in new calcium.

When we learned this, we knew that bone is body tissue, dependent upon nutrients in our daily meals as a source of material for rejuvenation.

Precise Knowledge

The subject of calcium becomes even more interesting when one realizes how precise is our knowledge. For example, calcium and phosphorus (present in milk, incidentally, in ideal ratio) travel to bone via our blood stream. At the bone, tiny crystals of these minerals deposit themselves around a framework of protein.

As a bone grows or sustains itself, new bone material deposits itself on the outside of the bone. But at the same time, bone material on the inside of the bone shaft is absorbed into our blood stream by the body for other functions. When calcium in the blood stream drops below a certain level mechanisms are triggered to take calcium from the bone. So, our bones need new calcium regularly from our food.

Another fascinating aspect of bone is confirmed by research—that bone strengthens itself in relation to the stress put on it. For instance, when astronauts experience weightlessness for any length of time, they lose calcium from their bones. This also happens to people who by reason of illness experience extensive bed rest

As a physician I must wonder if one of the reason older people suffer less bone strength may be due in part to their putting less stress on their systems. We know that many older people have problems such as osteoporosis (bone thinning) due to inadequate intakes of calcium in their daily meals

I recommend that they start getting at least two 8-ounce glasses of milk per day, or its equivalent in other dairy foods such as cheese This will give them about three-fourths of the Recommended Dietary Allowance for calcium. Two 8-ounce glasses of fluid whole milk and one ounce of cheddar cheese will give you 782 mg of those 800 mg of calcium that are recommended for an adult each day.

Calcium Comparisons

If you think this isn't good advice, just look at these amounts of other foods you would have to eat if you were to get enough calcium without milk or milk products:

Canned salmon (with bones) is a good source of calcium. Still, it would take almost 2½ cups to equal two glasses of milk. Dry beans are a good source, too. But to get enough calcium you'd need almost 6 cups daily. Or 38 slices of enriched bread, or 30 eggs, or 16 oranges, or 13 cups of squash. It gets ridiculous. You need milk.

NUTRITION A LA CARTE

• Calories measure how much energy the food we eat will give us. Thus, a calorie is not, in itself, a nutrient. But since you need energy you need calories, but not too many. If you are fat it means you are storing too much future energy, or that you are lugging aroung energy in the form of fat that you'll never use.

• Do you live alone and find cooking for one a problem? There are ways to get more variety in your meals. Take ground beef. You don't have to use it all on successive days. Wrap ground beef into separate small portions and store in your freezer. Meat loaf or spaghetti sauce doesn't have to be eaten all at once.

• Adults, too, could improve their snacks. The typical morning coffee break is a case in point. And for some people, it's not just a break, but their breakfast and a poor one at that. Coffee break snacks would be improved if they included items such as cheese wedges, oranges, fruit juices, milk, cottage cheese with fruit, or ready-to-eat cereals.

• How far back in history is butter mentioned? Well, butter dates back as far as recorded history and undoubtedly beyond. There's a Biblical reference in Genesis, Chapter 18, the 8th verse—about Abraham providing butter as part of a meal. It seems that all through the ages, people have loved butter and regarded it as one of the great delicacies.

• Everybody talks about losing weight. But some people need to gain weight. How can they do it? Under-weight people should eat more, and more often! they should eat more of the foods that furnish more calories in small bulk —meat, eggs, sweets, chocolate, fats, and oils. Ask your doctor about physical activity and more rest.

• People ask me so here's my answer: There is a difference between chocolate milk and chocolate dairy drink. Chocolate milk is made from whole milk and chocolate dairy drink is made from skim or partially skim milk. Otherwise, the two milk drinks are made with similar ingredients.

• From the simple one-celled plant to highly complex human beings, all living things need food. Food is necessary to support growth, to repair tissues, which constantly are wearing out, and to supply energy for physical activity. If your meals do not furnish all the elements you need your body will not operate at peak efficiency for very long.

Third in Lineup

The greatest baseball hitters of all time have generally been third in their team's batting order, such as Ty Cobb, Babe Ruth, Rogers Hornsby, Eddie Collins and George Sisler.

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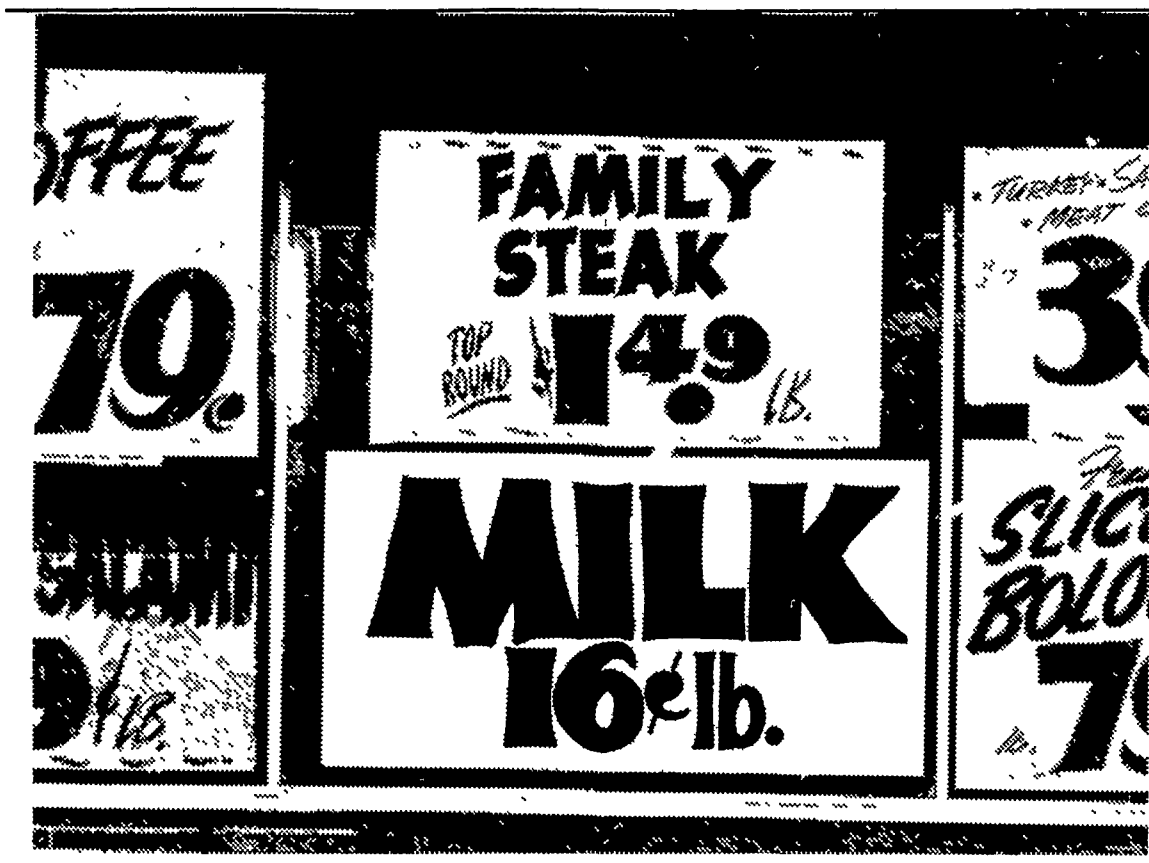

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We don't suggest that you make milk your only source of nutrition, but, at 16¢ a pound, it should be an important part of it. Put a couple extra pounds of milk in your shopping cart this week.

This message represents the thinking of 9,000 dairy farmers belonging to the low cost cooperative association.

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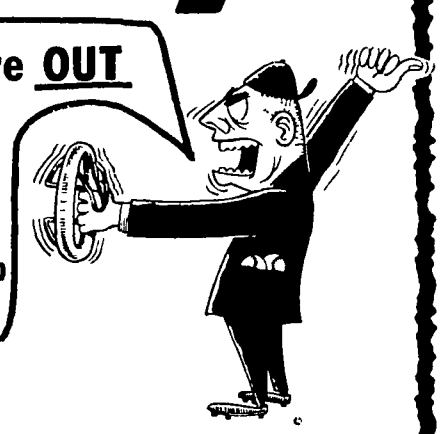

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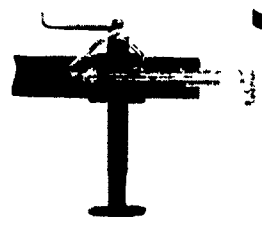

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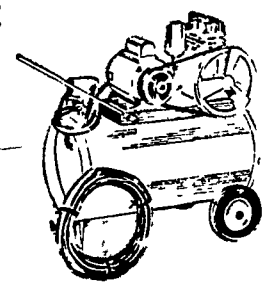

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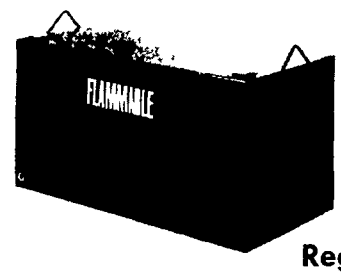

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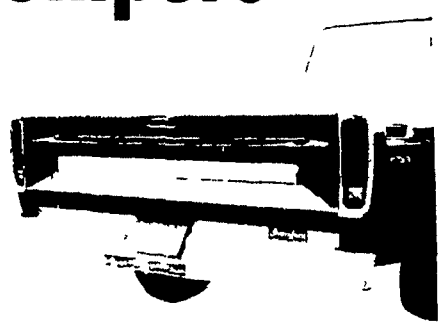

SALE **29.95**

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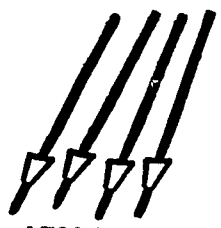

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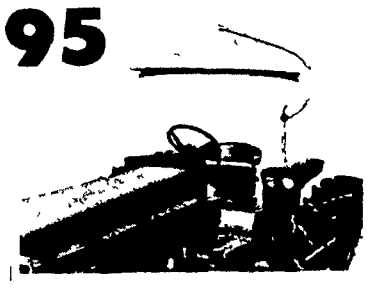

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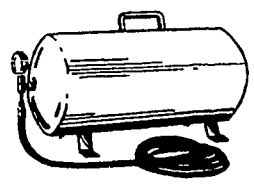

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On The Range

(Continued From Page 41)

1 cup thick milk or buttermilk
½ cup shortening
1 egg
1 teaspoon soda

Make pie crust. Do not bake crust first. This will make four eight-inch pies.

Put the thin mixture in first, then divide dough on each pie till it is all used. Bake at 350 degrees.

Mrs. Ivan Martin
RD2
Ephrata

XXXX

Angel Delight Dessert

1 Angel Food Cake
1 large can fruit cocktail
3 boxes strawberry jello (let stand till jells)
4 cups boiling water
30 to 40 miniature marshmallows
½ pint whipped cream

Line an oblong cake pan with cake pieces. Add marshmallows to the fruit cocktail. Add cream. Whip jello and add to mixture. Pour over cake. Refrigerate till firm. Cut into squares to serve.

Anna Mae Martin
Route 1
Lititz

XXXX

Cheese Cake

1 cup sugar
2 beaten egg yolks
1 cup milk

Cook this for three minutes. Add a little lemon juice, one package gelatin and vanilla.

Soften one pound cream cheese. Add the cooked mixture to cream cheese.

Beat egg whites until stiff. Whip one cup cream. Mix everything together, put in graham crust, put in refrigerator.

Mrs. David K. Stoltzfus
RD2
Elverson

XXXX

Fluffy Tapioca Pudding

1 quart milk
5 tablespoons Minute tapioca
½ cup sugar
4 eggs, separated
⅛ teaspoon salt
1 teaspoon vanilla

Mix tapioca, salt, ¼ cup sugar, and milk. Add beaten yolks. Beat egg whites till foamy. Gradually add ¼ cup sugar, beating to soft peaks.

Cook tapioca mixture over medium heat to a full boil, stirring constantly. Gradually add to beaten whites, stirring quickly just until blended. Stir in vanilla. Cool 20 minutes and stir. Serve warm or chilled.

Mrs. Glenn E. Burkholder
Route 1
Washington Boro

Vanilla Pudding

3 cups milk
¾ cup sugar, or to taste
3 egg yolks
2½ tablespoons cornstarch
¼ teaspoon salt
1 tablespoon butter
1 teaspoon vanilla

Heat 2½ cups milk. Combine sugar, conrstarch and salt with ½ cup milk.

Stir some hot pudding in the egg yolks, then add to pudding and heat again. Add butter and vanilla.

Mrs. Ammon Weaver
RD1
New Holland

XXXX

Butterscotch Pudding

1 quart and 1 pint milk
1 cup molasses
1 tablespoon butter
1 tablespoon vanilla
5 eggs
1 cup flour
½ cup water
1¾ cups brown sugar

Miss Elva Zimmerman
RD1
Stevens

XXXX

Potato Soup

Dice six nice-sized potatoes, one large onion, celery (if I have it,) and parsley (to tasters choice). Sometimes a little diced carrots for color and flavor. When vegetables are soft after all is cooked, add ¾ cup milk or so and about 3 diced boiled eggs and salt and pepper to taste. Add butter last.

Mrs. Ira Davis
RD2
Quarryville

XXXX

Cheese-Topped Scalloped Potatoes

5 cups thinly sliced potatoes
2 tablespoons butter
1½ cups milk
1 teaspoon salt
½ teaspoon thyme
¼ teaspoon pepper
8 slices processed American cheese

Put potatoes in a greased 13x9x2 inch baking dish. Dot with butter.

Combine milk, salt, thyme and pepper. Pour over potatoes. Lay slices of cheese over the potatoes. Cover with foil.

Bake in moderate oven (350 degrees) one hour, or until potatoes are tender. Uncover last 10 minutes of baking.

Mrs. Martin Wenger
RD4
Lititz

Strawberry Ice Cream (6 Quart)

6 eggs, beaten
1 cup sugar
1 can sweetened condensed milk
4 cups cream or evaporated milk
1 tablespoon vanilla
1 quart milk

Pour into freezer and turn till almost finished, then pour in two cups mashed strawberries (sweetened with sugar) and turn again till done.

Katie S. Stoltzfus
RD1
Bird-in-Hand

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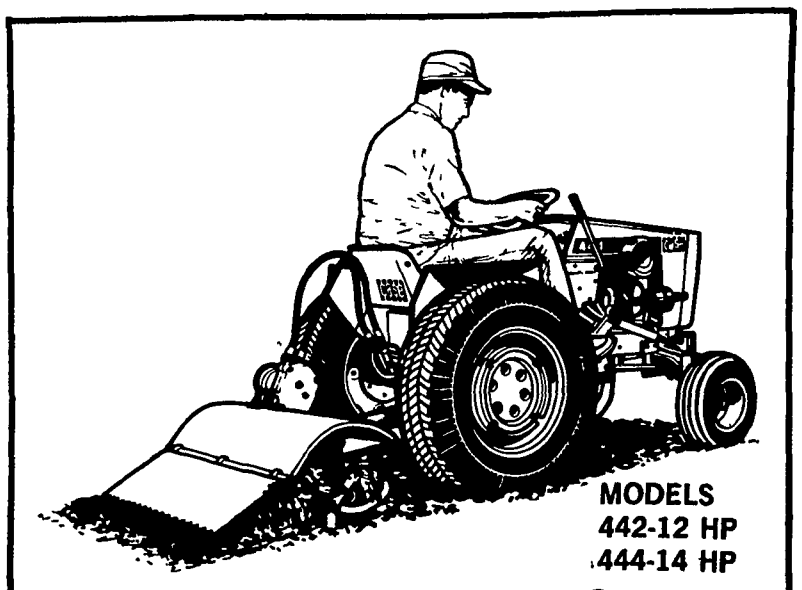

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We're proud that many dairymen in this community are loyal Purina customers. And, we welcome this opportunity to promote the milk and milk products they produce.

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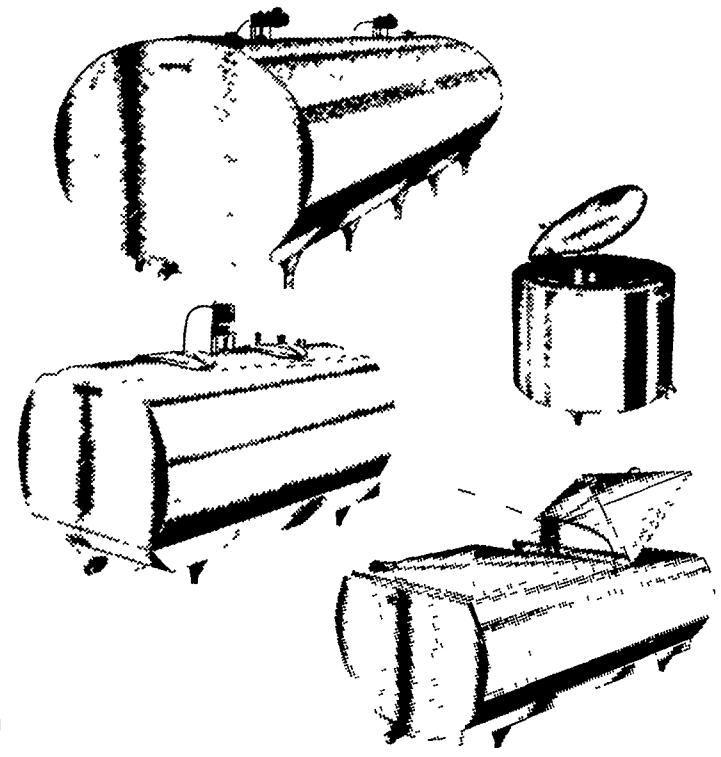

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outlook

ON THE FEED FRONT...Record feed grain supplies...totaling 248 million tons...will probably be matched by record use...slated to hit 214 million tons during the 1972-73 feed year. The gain in disappearance, up about a tenth from last year, would cut carryover stocks this fall to 35 million bushels.

FEED GRAIN EXPORTS will probably reach a new high of 33 million tons, 6 million over the year before. Most of the gain will come in corn...with outshipments expected to break the billion-bushel mark.

AT HOME an anticipated 1-2 percent gain in grain consuming animal units...plus generally favorable hog and beef-feed price rations...are setting the stage for a sizable 9 percent rise in domestic use during 1972-73. Reduced availabilities of protein feed, hay shortages, fields too wet to forage or glean, high moisture content of corn, and exceptionally strong demand are factors contributing to heavy consumption.

PRICE PARTICULARS...

...Predicting price patterns is especially "iffy" this feed year...especially when the first half saw a larger-than-normal seasonal price runup. However, now that harvesting and drying operations are completed and the strain on the marketing system strives to straighten itself out, feed grain prices...currently high...could ease downward. They'll still stay well above 1971-72 though.

RICE PRICES...Extra strong world demand has pulled U.S. farm prices to record highs since harvest of the 1972 rice crop began last July. The 1972 rice crop began last July. The 1972-73 season average farm price is expected to average more than a fourth over last year's $5.34 level.

SMALL CARRYOVER...The flow of demand will reduce rice stocks to pipeline levels before new crop supplies start coming in. Carryover may be cut to 7½, possibly 8, million cwt., well under last year.

RICE SUPPLY BOOST SEEN IN 1973-74... ...In anticipation of continued strong demand, both domestic and foreign, USDA announced a 10 percent increase in the acreage allotment for the 1973 rice crop. With average yields, this year's crop could total around 95 million cwt. Added to the expected small carryover, 1973-74 supplies might come to somewhat over 100 million cwt., up moderately from 1972-73.

CATTLE INVENTORY IMPLICATIONS...The buildup in the cattle inventory is accelerating and could lead to a bulge in beef production and price declines sometime during the mid-1970's. The 1972 gain of 4 million head was the largest in a decade and followed a 3-million-head increase in 1971 and gains of over 2 million head in 1969 and 1970.

BEEF COW NUMBERS at the start of 1973 had risen to 41.1 million head, up 6 percent from a year earlier. The larger cow herd provides the potential for larger supplies of beef. This year's calf crop may be up more than 4 percent from last year and will permit a step-up in fed cattle marketings in 1974 and 1975

WITHIN THE NEXT FEW YEARS growth in the inventory will be sizable enough to precipitate rather steep year-to-year increases in slaughter. Large beef production will be accompanied by weaker cattle prices. However, consumer demand for meat will continue strong and shore up cattle prices through the 1970's.

WOOL NOTES...Farm prices have staged a major comeback from the depressed 1971 levels. The 1973 average should be substantially over the 35-cents-a-pound level of last year and will tower over the 19 cents of 1971. Recent sales for spring and summer delivery are especially bullish...reflecting strong foreign markets and devaluation of the U.S. dollar.

SHEEP SLIP Higher 1972 market prices for both wool and lamb hiked the farm value of January's sheep and lamb inventory by 11 percent over a year earlier. However, costs and other production pressures mounted, too...causing a further 6 percent cut in the number of farms. This means another drop in the lamb and wool crops...and reduced marketings.

LAMB PRICES rose sharply during the winter with Choice slaughter lamb selling for $43.50 (San Angelo market) in late February. This was nearly $15 more than a year earlier and the highest on record. Spring lambs brought $45 in early March but prices are expected to rise much further, in contrast to last year. 1973 should see the resumption of the more typical pattern where prices move down from early spring quotations to summer-fall lows.

Penn Manor Club

The Penn Manor 4-H Community Club met Friday, May 25, at the Ann Letort School, with 26 members present.

Karen Greider reported on the recent County Council meeting. She said 4-H members from Michigan will be visiting in July. Anyone wishing to host these members may do so.

Following the regular meeting, several games were played.

The next meeting will be at 8 p.m. June 26 at the home of Jay Stauffer, 345 Weaver Road, Lancaster.

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Udder Washing Methods Explained

Washing and drying the cow's udder prior to milking is an important part of a farm sanitation program. It is the first step in assuring a good quality raw milk supply, says Sidney E. Barnard, Extension dairy specialist at The Pennsylvania State University.

Use a clean pail made of rubber, plastic or stainless steel. Rusty tin coated pails may cause off-flavor problems

Make up a proper strength sanitizer solution using an iodophor sanitizer. Iodophors are less irritating to the skin than chlorine and have a color indicator. Change the solution when the light brown color disappears, says Barnard.

Sponges and cloths occasionally cause high bacteria counts. Sponges and cloths remain wet between milkings, harboring bacteria and may contaminate the milk. Use individual paper towels to assure good quality. If you don't like paper towels, use a clean cloth each milking. Have an ample supply and put them in the household washing machine and dryer before reuse, urges Barnard.

Washing and drying the cow's udder stimulates milk letdown It also provides a sanitized udder and teats for attaching the milking machine.

Consumer acceptability of fluid dairy products depends on raw milk quality. Properly wash and dry your cow's udder before milking to assure good quality milk, adds Barnard

Cull Low Producers To Save Feed Costs

Dairymen facing short supplies of feed and high prices should look at the records of their dairy cows to help ease a critical situation, says County Agent Herbert C. Gilmore, Extension dairy specialist at The Pennsylvania State University

Low producing animals will consume almost as much feed as profitable cows without returning any profits. Feed saved by culling low producers can more profitably be fed to the higher producers

Records of DHIA herds show that a minimum level for a profitable cow would be 10,000 pounds of milk or 400 pounds of fat per year Cows producing below this level will not return enough money after paying the feed cost to pay the other costs of production, explains Gilmore. Many herds will find this level of production too low so each herd owner should set his own culling level by studying his production records carefully

Feed costs are increasing very rapidly and more than ever it does not pay to feed low producing cows, adds Gilmore.

Over $8 Million for UNICEF

Ten-year-old Theresa Navarro hands a check for $8,050,000, payable to the United Nations Children's Fund, to UN Secretary-General Kurt Waldheim. Theresa and her fellow students at New York's P.S. 173, Raphael Strauss (left) and Wendy Brumsey, joined millions of U.S. youngsters in the annual Trick or Treat collection for UNICEF last Halloween. Other contributions and income from the 1972 sale of greeting cards by thousands of volunteers brought the total raised by the U.S. Committee for UNICEF over the past 20 years to more than $83 million.

Empty Plastic Containers Not Safe For Gasoline

Handy plastic bottles and jugs are now being used as containers for many household products. Most of these containers will not hold gasoline safely, cautions the Cooperative Extension Service Farm and Home Safety Committee of The Pennsylvania State University.

This is because gasoline can leak through the thin spots, especially during hot weather, causing these plastic containers to crack. Use metal containers for gasoline storage.

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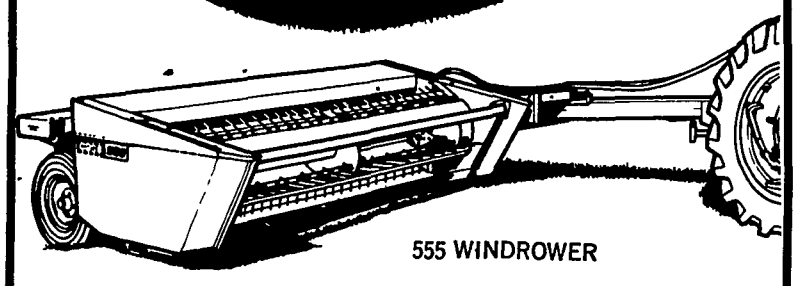

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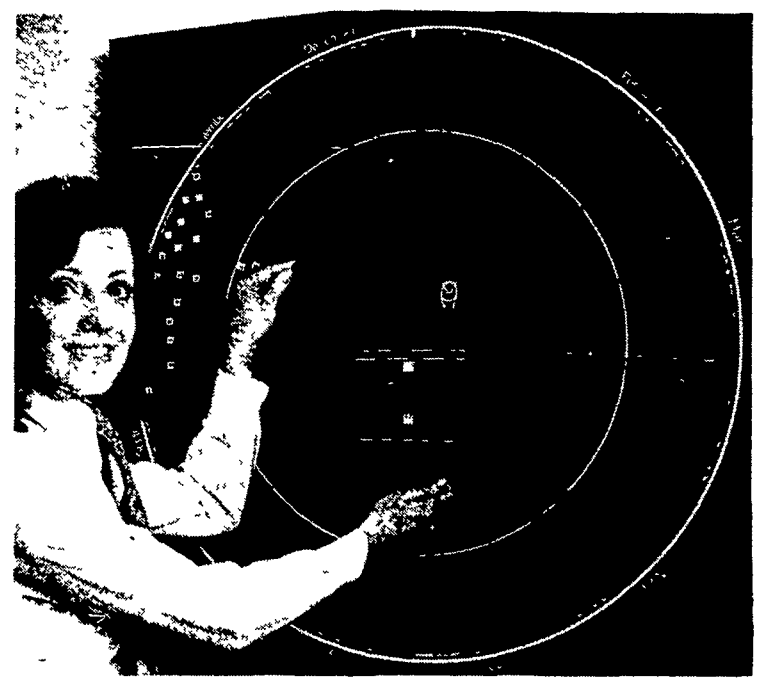

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FEED LETTER

Pioneer - Nutrena

For many years, the Hales & Hunter Co. sold feed under the brand names of Pioneer and Red Comb. Many farmers felt quite comfortable with those names. I'm sure that many of our friends will be saddened to learn that these names will now be replaced by another. In 1969 the company was bought by Cargill Inc., who also sells feed under the brand name of Nutrena. For awhile after we became part of the family it was best to keep the old Pioneer and Red Comb names. Now however, using two names to sell the same feed is becoming, not only bothersome, but costly. All literature tags, bags, and supplies bearing a trade name, had to be made twice, once for each name. It was added expense that didn't add to the value of the feed. Now, we'll both have the same name. Since Nutrena had more mills, and was known over a larger area, that's the name we'll all use.

You may wonder about the feeds themselves. Well, we've been selling the same feeds for the past four years, so there is nothing to change there. Some of the feeds now sold under either name were only developed after the merger, and became available to both groups at the same time. Feeds like the blender feeds for high moisture programs, the hog mixer program, Vitality Horse feed, and the pig pre-starter which has been improved twice since 1969.

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Milk Takes Many Forms

Just from visiting the dairy case at the supermarket, you know that a shopper can choose from milk in several forms. But did you realize that there are this many?

Whole Fresh Fluid Milk — Whole milk is defined in many states as milk that contains not less than 3.25 percent milk fat and not less than 8.25 percent milk solids-non-fat. Most of the whole fluid milk sold in the United States is pasteurized and homogenized.

Raw Milk—Milk that receives no heat treatment is called raw milk.

Certified Milk — Since 1893, certification on the container has meant that conditions under which the milk was produced and distributed conform with the high standards for cleanliness established by the American Association of Medical Milk Commissions.

This milk may be raw or pasteurized. It may be homogenized and vitamin D fortified.

Fortified Milks — These contain added amounts of one or more of the essential nutrients usually found in milk.

Concentrated Milks — Fresh, frozen, evaporated, condensed, and dried milks are in this category. Water from the milk is removed under carefully controlled conditions of heat and vacuum. The milk is reconstituted by restoring the water.

Skim Milk — Fat is removed from whole milk by centrifugation to produce skim milk. The resulting fat content is usually 0.1 percent, although it may vary slightly. States set their own standards, which vary from 8.0 to 9.25 percent as the minimum for total solids in skim milk. The product is pasteurized.

Two Percent Milk—This milk is named for the fact that it contains 2 percent milk fat. It is pasteurized and homogenized, and made from both fresh whole and skim milk. It may be enriched by adding milk solids-non-fat and various vitamin and mineral preparations.

Cultured Milks — Prepared from pasteurized or sterilized milk, cultured milks include a variety of products, the best known of which is buttermilk. Certain desirable bacterial cultures have been added. These grow under controlled conditions of sanitation, inoculation and temperature to yield the desired cultured milk.

Flavored Milk and Milk Drinks — Whole milk plus syrup or powder containing a wholesome flavoring agent and sugar is a flavored milk. In contrast, a flavored milk drink is skim or partially skimmed milk similarly flavored and sweetened. Flavored milk and milk drinks are pasteurized and usually homogenized.

Even though people of drinking age in the United States consumed 21.95 gallons of beer, 1.9 gallons of distilled spirits and 1.3 gallons of wine per capita last year, milk still continues to be the major beverage consumed by Americans

Based on per capita sales of fresh fluid milk, Americans of all ages averaged nearly 26 gallons per capita last year.

Three-Fourths of Households Have Whole Milk On Hand

In a recent survey on the use of dairy products, three-fourths of the households had whole milk on hand, while less than one-fifth had skim or lowfat milk. About 98 percent of U.S. households have used regular whole milk and almost 40 percent have purchased lowfat fluid milk.

Whole milk was purchased by more than 60 percent of the homemakers for its contribution to good health. The food value and nutrients in milk such as protein and calcium were mentioned most often. About 80 percent of the homemakers purchasing lowfat fluid milk did so for health or dietary reasons, mainly weight control.

About 90 percent had consumed cottage cheese, but only 37 percent had some on hand Almost all had purchased ice cream and over 50 percent had some in the freezer. Seventy percent had purchased ice milk, although only 14 percent had ice milk at home.

Seventy percent of the households had used light cream, but only 10 percent had some in the refrigerator at the time of the survey. Almost half of the nearly 70 percent using non-dairy coffee creamers had some on hand

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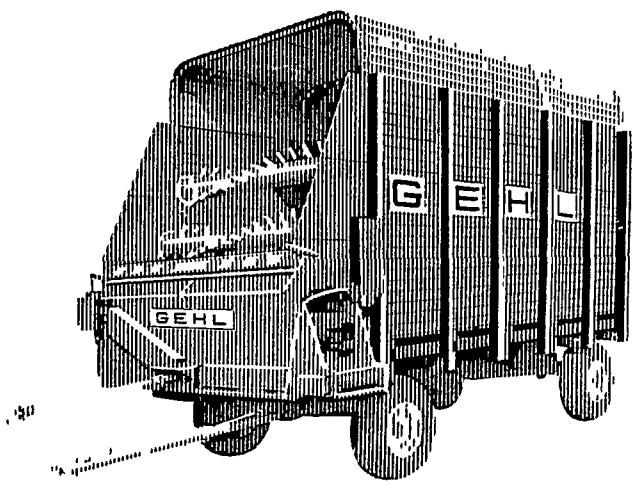

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Pa. Ag Department Lists Custom Rates

If you haven't planted all your corn yet you might be thinking about hiring a custom operator to help you finish If you do, you can plan on paying him $3 15 an acre for planting without fertilizer, and $3 55 for planting with fertilizer And the same for soybeans At least that's what the Pennsylvania Department of Agriculture says in a pamphlet entitled "1973 Machinery Custom Rates"

Most custom rates are higher this year according to the report, up some six percent from a year ago Rates were computed for two broad areas across the state The mountain area is made up of the northern and western parts of the state, while the southeastern corner is considered the valley section

Average rates for some operations are higher in the mountain section and lower in the valley. Other operations are just the reverse, although the price differential was usually less than 10 percent In some instances, such as drilling small grain with fertilizer, the custom rate was $3 40 an acre in both sections

The biggest spread was in field chopping silage with one man, one tractor and two wagons Farmers in the mountain section can expect to pay $14 30 an hour for this operation while farmers in the valley section may pay nearly 25 percent more, or $17 75 an hour

Here are some average per acre custom rates for typical operations Corn picking, $8 40, corn picking and shelling, $10 65, corn combining, $11.15; combining small grains, $7.90

Moldboard plowing in stubble will cost $5 35 an acre in the spring, $5.50 in the fall. Plowing sod will cost about $5 90 in the spring, $6 05 in the fall. Discing will run $5.40 an acre, harrowing will cost $3.05 to $3.10, and cultivating will be about $3.40.

Planting potatoes should cost about $5 80 an acre, seeding alfalfa or clover will be about $2.55 and broadcast seeding on grain fields will run about $1.90.

Rates for spraying included the cost with materials and the cost without, except for weed control, which was listed only as costing $2 30 an acre without materials Spraying for corn borers cost $4.20 with materials, $2 45 without Comparable figures for spittle bug or alfalfa weevil spraying were $4.05 and $2 40 For potatoes, the costs were $6 05 and $2 85

The most expensive per-acre rate listed was potato harvesting, at $65 an acre

Hay making rates included $3 05 an acre for mowing, $4 55 for mowing and conditioning and $2 25 for raking Pick up baling cost $0 12 per bale tied with twine, $0 15 for wire bales Cutting, raking, baling and storing commanded a price of $ 29 per bale

A copy of Pamphlet CRS-59 can be had by writing to the Pennsylvania Department of Agriculture, Crop Reporting Service, 2301 North Cameron St , Harrisburg, Pa 17120

Stroke is the third leading cause of death in Pennsylvania and the nation. Ask your heart association for information on stroke prevention

xxx

High blood pressure increases risk of heart attack and stroke Your heart association urges you to have a medical checkup, including a check on blood pressure.

Check Pastures After Storms

Almost every livestock pasture has a few wild cherry trees growing along its fences. These trees become deadly livestock killers following summer storms.

The leaves of damaged branches may become sources of deadly cyanide poison. When the leaves wither a normally harmless substance in them changes to deadly hydrocyanic acid and sugar. Cattle and sheep eat the sweet withering leaves with relish It takes only a few leaves in the proper stage to kill a cow or sheep Death occurs very rapidly because the poison interferes with the oxygen-carrying ability of the blood. Treatment is possible, but the animals are usually found dead in the pasture.

The only way to eliminate the danger of wild cherry poisoning is to eliminate the trees. This is best done when the trees are dormant in late fall or early spring. Checking the wild cherry trees for fallen limbs after summer storms is a simple precaution which could save a cow or a whole herd.

Jay W. Irwin
Associate County Agent

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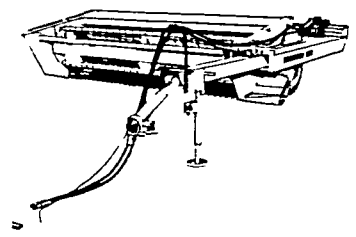

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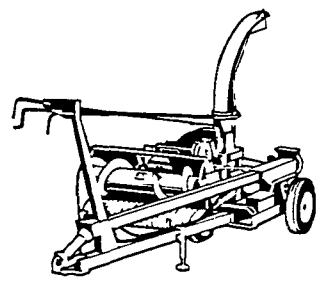

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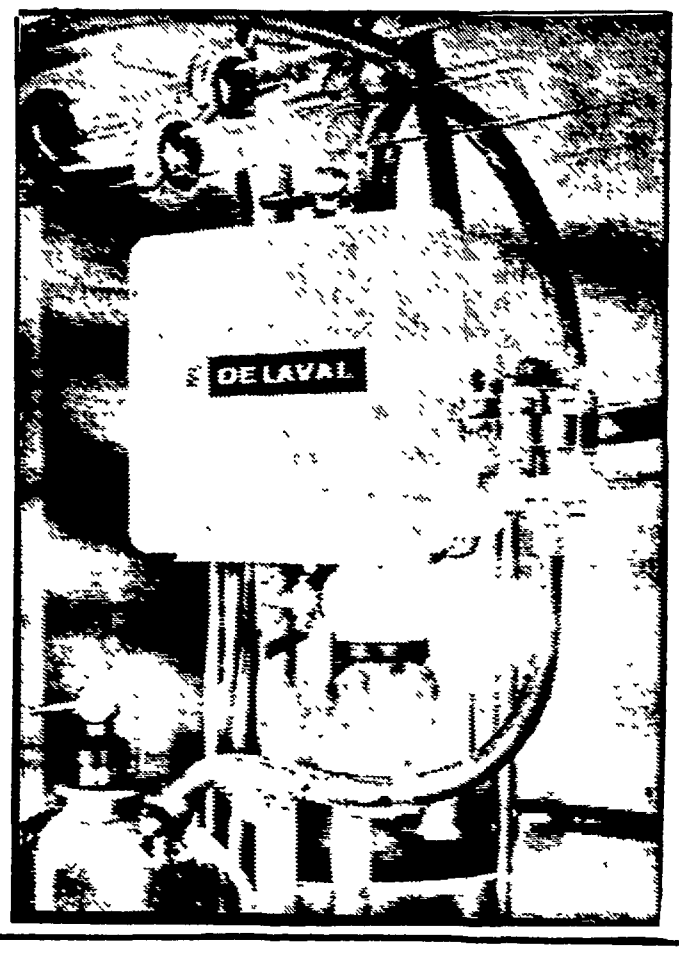

The milker controlled by the cow.

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Dairymen Should Consider Liquid Protein Supplements

Sharp advances in grain and protein supplement costs have combined to make liquid protein supplements (LPS) more economical than they have been in the past. This means that more dairymen should determine whether or not they should use LPS under their conditions, says Richard S. Adams, Extension dairy specialist at The Pennsylvania State University.

In addition to being an economical source of nutrients in some cases, liquid protein supplements afford some convenience in the feeding of heifers and dry cows. LPS generally contains 30-60 percent crude protein equivalent with almost all of it furnished by urea or some other non-protein nitrogen source. The material is carried in a mixture of molasses, water and added minerals.

Liquid protein supplements often are self-fed in paddle-wheel feeders to float tanks. Generally, they are formulated with sufficient palatability to provide an average daily intake of 1.5-2.5 pounds per head daily by dairy cows. Some cows will not eat any while a few may consume 12-20 pounds or more, says Adams.

A preferred method of providing LPS to milk cows is to meter it onto silage or possibly hay. This allows for somewhat greater control of intake. In some cases it is used in a grain mixture as a substitute for regular molasses.

As opposed to fattening cattle, dairy cows cannot adequately balance their protein or mineral needs solely through free-choice feeding of a liquid protein supplement. Intake is largely a function of palatability of the formula as well as meeting energy and dry matter needs. Thus dairymen using LPS must still feed a balanced ration through the forced-feeding portion of the diet. The average intake of LPS must be considered in balancing the ration.

Similar to the use of non-protein nitrogen (NPN) -corn silage, feeding LPS enables intake of non-protein nitrogen over a more prolonged period of time. This reduces risk of toxicity and enables a greater use of NPN in the total ration. It is difficult to include over 1.0-1.5 percent urea equivalent in the grain mixture if it is only fed twice daily. Such a level also may be used in combination with LPS or silage to which an NPN source was added at ensiling. It is important, however, not to use all three sources of added NPN simultaneously. Usually two sources will not result in an excessive NPN intake, which may reduce appetite and performance, explains Adams.

Often heifers may be satisfactorily raised on forage alone plus 1.0-2.0 pounds of liquid protein supplement per head daily, depending upon the legume content of the forage fed. Make certain, however, that they have adequate amounts of forage before them most of the time, or they may eat more LPS than one can afford.

Few problems have been associated with the feeding of LPS. Some toxicity has been noted when half-starved animals not pre-conditioned to NPN additives were allowed access to LPS. Some individual animals not pre-conditioned to NPN additives also may be adversely affected if they "hog" the material in a short period of time. It appears best to use self-feeders only when the animals will have access to them for at least four to six hours daily, says Adams.

Some dry supplements containing urea or another NPN source might be mixed with silage at feeding time at a rate to provide one to two pounds per head daily. Usually supplements to be used in this manner should not contain much over 10-12 percent urea equivalent or 26-34 percent crude protein equivalent from NPN. The use of a dry supplement in this manner may be considered when they provide nutrients at a more reasonable cost than liquid supplements. A third alternative would be to limit NPN additives to the grain mixture. A level of 2.0-2.5 percent urea equivalent may be used in grain mixtures if it is fed in 3-5 feedings daily or mixed with the silage, adds Adams.

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No trouble with scours or cattle going off feed. You'll be more than satisfied with our feeding program for you'll get healthy stock, quick gains at low cost. Remember, there's a FEED LOT PROVEN TANVILAC CULTURE PRODUCT FOR EVERY FARM-FEEDING PURPOSE.

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18 Dtrs. 10 hds. 18,491 3.56 659
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Repeatability 44 percent
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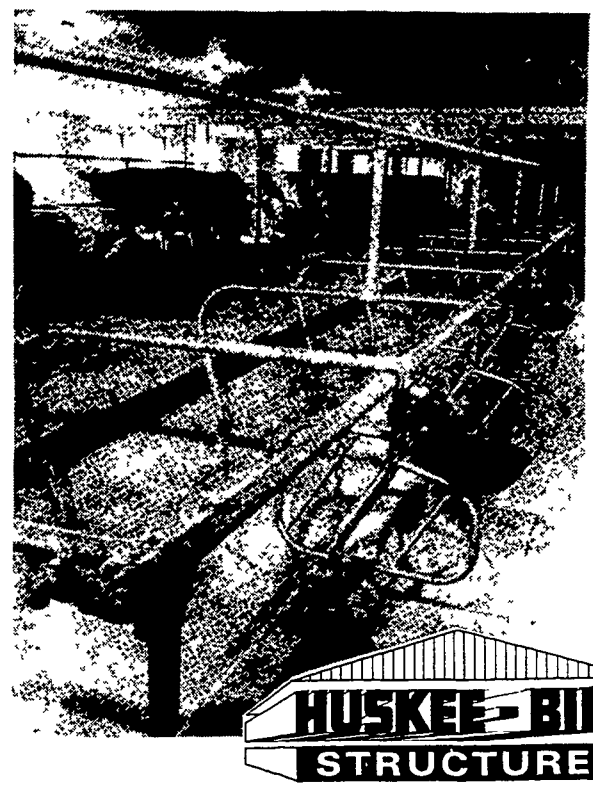

SHOW EASE STALL CO.
523 Willow Road Lancaster, Pa. 17601
Phone 299-2536

Public Sales Register

SAT JUNE 2 - 12:30 P.M. Complete charolais cross-bred herd dispersal on the premises located between Colebrook and Mastersonville, Pa. at Lancaster and Lebanon County Line, 4 miles Southeast of Campbelltown, 1 mile south on Route 117. Sale by Walter H Weaber & Sons, owners, Abe Diffenbach and Abe Diffenbach, Jr , Auctioneers.

SAT. JUNE 2 - 9:30 A.M D.S.T. Public Sale of Antique Furniture, Antique Dishes and Glassware, Toys, Collector's Items, Guns, and Household Goods of the Late Grace Grim Estate located at 7 East High St , Windsor Boro, York Co., Pa. Sale by Mr & Mrs. Lafean Grim, owners; Robert L. Sechrist, auctioneer

SAT JUNE 2 - 11 A.M. Public Auction of Farm Machinery at farm. Rock Hall, Md (from Chestertown take Rt 20 towards Rock Hall, turn left on Route 288, follow signs to farm). Sale managed and Auctioneered by H. Rudnick & Sons of Galena, Md.

SAT. JUNE 2 - 10 A.M Valuable Antiques, China, Glassware located on the premises at 1002 Main Street in the Borough of Delta, York Co., Pa Sale by Mrs. Mildred Blackwell; Charles W. Shrodes and David W. Shrodes, Auctioneers.

MON. JUNE 4 - 12 Noon Public Auction of 70 Head Holstein Cows and Bred Heifers located at farm at Black Station, Kennedyville, Md. Terms by J. Edward Larrimore, owner; Harry Rudnick and Sons, Inc. Sales Managers and Auctioneers.

FRI. NIGHT JUNE 8 - 8 P.M. EDST Public Auction of 70 Head Holstein Dairy Cattle to be held at the Aberdeen Sales Co. Livestock Auction Market dairy barn arena in Churchville, Harford Co., Md. located on Md. Rt. 22, 6 mi. east of Bel Air, Md. (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md. (via U.S. Rt. 40 or Interstate 95). Sale by Aberdeen Sales Co., Inc. Livestock Auction Market, located in Churchville, Md.

SAT. JUNE 9 - 12:00 Noon Public Auction of Exceptional Farm Equipment located 8 miles north of Womelsdorf on Route 419, 1 mile east of Rehrersburg turn south at Four Points Hotel onto dirt road first lane left: east on Route 422 from Lebanon to Route 419 north to Rehrersburg, next to Teen Challenge. Terms by E. H. Hoffman, RD1 Womelsdorf, Pa. John E. and Paul E. Martin, Auctioneers.

(Continued on Page 51)

Introduce Heifers Into Herd Early

Breaking dairy heifers to the milking routine often presents a serious problem, says Harvey E. Shaffer, Extension dairy specialist at The Pennsylvania State University. At best, a heifer must undergo a great amount of stress at the time of her first calving. Add to this the many new experiences related to moving into the milking herd and the result frequently is a frustrated, excited young animal.

A good way to make this transition a lot easier, for both the heifer and the dairyman, is to introduce the heifer into the herd 2 to 4 weeks before she freshens, explains Shaffer. This will allow her to become accustomed to her herdmates, the feeding schedule, milking, and other routines gradually and without the stress of calving Then after she freshens, the only new experience will be the actual application of the milking machine and she will be much less apt to rebel over this new experience, adds Shaffer.

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LANCASTER, PA

ABSOLUTE AUCTION
VALUABLE REAL ESTATE
SATURDAY JUNE 16, 1973
2:00 p.m.
Located three miles southeast of Lebanon, three miles southwest of Myerstown, just east of the village of Prescott, in South Lebanon and Jackson Townships, Lebanon County, Penna.

80 Acres, Approx.

This land is well drained and level with an excellent view of surrounding countryside.
Located in a fast growing area, with 1724' of frontage along Jackson Road. This undeveloped tract of land has many potentials.
Easy access to routes 501, 422, 72, 22, and the Penna. Turnpike.
To inspect property call 717-866-4208 or 717-393-4464
Terms: 15 percent down; Balance 30 days after sale
Paul Snyder
Abe Diffenbach, Auctioneer
S. K. Norman, Owner

PUBLIC AUCTION
OF EXCEPTIONAL FARM EQUIPMENT
SATURDAY, JUNE 9, 1973
AT 12:00 NOON
Will be sold at Public Auction on the premise located 8 miles north of Womelsdorf on Route 419, 1 mile east of Rehrersburg turn south at Four Points Hotel onto dirt road first lane left; east on Route 422 from Lebanon to Route 419 north to Rehrersburg, next to Teen Challenge, the following to wit:

JOHN DEERE 3010
With Frontend Weights and Wide Frontend, excellent condition; John Deere 24-T Baler with Bale Thrower; John Deere No. 10 Side Mounted Mower: John Deere KBA Disc with 32-Disc on Transport; John Deere 9-Ft. Spring Harrow; John Deere 3-Bottom 16-In. Trip Plow; John Deere 894 Side Delivery Rake; John Deere Drum Type 3-Point Sprayer; John Deere Rear Mount 2-Row Cultivator; John Deere No. 507 Gyramor Shredder with 3 Blades 3-Point Hookup; 2 Grove Wagons with Hay Sides and Telescoping Tongues; John Deere No. 1 Hay Conditioner.

LITTLE GIANT ELEVATOR
32-Ft., 1 year old; AVCO-New Idea Cut/ditioner, used to cut 40 acres; Farmec Gravity Bin; Big-Rhino Heavy Duty 8-Ft. Blade Hydraulic Tilt; McKee Sno-Landers Snowblower, Model 720, 7-Ft., fits 20-30 or 40 Series John Deere; Hanson 3-Point Sprayer with Fiber Glass Tank; 14-Ft. Flatbed Wagon; Mayrath 21-Ft. Grain Auger; Small Utility Trailer; 3-Point Utility Platform; Flushing Bar; 8-Ft. Double Packer; Roll-away Ground Scoop; Oak Manure Sled; Saw Buck.

30 TON EAR CORN
13-9x38 Tractor Chains; Baler Twine; Log Chains; Sledge Hammer; Barrels; Fanny Flags; 8-Ft. Row Boat; 300 Square Sawed Locust Posts; Pot Burner; New and Used Lumber; Gates; Gas Tank; Walnut Boards; Iron Fence Posts; Wire; Dog House; Tubs; Scrapers; Forks; Shovels; Brooms; and some other items.
Sale time, 12:00 Noon. Sale by
E. H. HOFFMAN
R.D.1, Womelsdorf - 717-933-4795
John E. and Paul E. Martin, Auctioneers
717-733-3511 - 733-3305
Zimmerman and Hoover, Clerks

Special Notice
Plan now to attend this sale, all this equipment is in exceptional condition. There will not be very many small items so we will be selling equipment soon after sale starts.

JUNE FEEDER SALE
JUNE 15, 7 P.M.
ALL WEIGHTS, ALL GRADES
For consignments and information, contact:
Kenneth Hershey, mgr.
(717) 768-8204
Vintage Sales Stables, Inc.
P.O. Box 100, Paradise, Pa.
10 Miles East of Lancaster, Pa. On U.S. Route 30

PUBLIC AUCTION
Sat. JUNE 9 at 9:30 A.M.
40 miles N. of Harrisburg; 15 mi. S. of Sunbury; 1½ mi. East of PILLOW off Rt. 225. (Watch for Sale Arrows along the Pillow to Klingerstown Road)
ANTIQUES AND COLLECTIBLES
Edison Cylinder Phonographs and Records, Yarn Cabinet, Marble Top Stand, High and Low DRY SINKS, Flour Chest, Roll Top Desk, Plank Bottom Chairs and Rockers, Cradles, Regulator Wall Clock, Dough Trays, Blanket Chest, Rope Beds, Organ Stools, Wood Chest, Water Bench, several Strings Sleigh Bells, Cow Bells, Butter Churns, Candle and Butter Molds, Coffee Grinders, Oil Lights, Copper and Iron Kettles, Irons, Flax Combs, Wicker Baby Carriage, Bracket Lights with Reflectors, Milking Stool, Trunks, Picture Frames, Ice Tongs, Spittoons, Books, Tinware, Fireplace Pan, Dishes, Crocks, Masonic and Kossuth FLASKS, (2) Kentucky Rifles not complete, Single and Double Barrel Shotguns, 22 Rifles, Powder Horn, COINS, 1930 model HUBER 20-36 TRACTOR, HUBER 28 x 46 THRESHING MACHINE, CLOVER HULLER, Water Tank on Wheels, CUTTER SLEIGHS, Harness, Swab Wagons, (3) Spring Wagons 2 with Tops, Wagon Seats, Butcher Equipment, Antique Hand Tools. Horse Equipment the above is only a partical list of items that will be sold. Plan now to come early and stay late.
GURNEY TROUTMAN, OWNER
Geo. Deibert, Auct. 717-425-2258
Klingerstown, Pa. 17941

"FOR HEIFERS THAT FILL THE PAIL, BUY THEM AT
HENRY'S HARVEST SALE"
FRIDAY, JUNE 15, 1973
12:30 p.m.
Along Rt. 340 just West of Rt. 10, Near Cains, 5 miles North of Rt. 30, or Gap, Pa., Lanc. Co.
120 Reg. and Grade (over ½ Reg.)
Mostly due June, July & August
A Sample as follows:
+ Apollo dtr. due July from a dam with 3 records ave. 16,600 milk 305 da.
+ Hays First Minister dtr. due sale time to "R. Maple," dam a V.G. 86 dtr. of Ivanhoe has 3 records ave. 18,426 milk 4.0 percent, full sister to dam has 2 records over 25,000m 4.2 percent and 1,050 Fat.
+ Tidy Gent dtr., her Eden Select dam 3 yr. pred: 19,777m 617 f.
There are at least 15 other heifers selling from dams with records of 16,000m to over 19,000m; 3.7% to 4.0%. Including dtrs. from Paclamar Astronaut, Lassie Leader, Ivanhoe Jack, Dividend Performer, Elfac, Bonus, Carnation Royal JoJo, Milk & Honey Ivanhoe, Hagen, Shorelea Radar, Hector, Herdmaster, and others. Many bred to a son of M. & H. Ivanhoe, dam with 23,000, 4.0%.
A fine Group selected from the Dan Mast Dispersal as well as other Dispersals.
Acclimated, 30-day tested, Preg. checked, Catalogs, Held under Tent,
Trucks available for long distance hauling.
See Them Sell!!
Sale by
Henry S. Lapp
Gap, RD#1, Pa.
Aucts. Snyder & Kreider
Pedigrees — Carl Diller
2112 So. View Rd.
Lancaster, Pa.
Lunch

★ Public Sales Register ★

(Continued From Page 50)

SAT. JUNE 9 - 9:30 A.M. Public Auction of Antiques and Collectibles located 40 miles North of Harrisburg, 15 mi. South of Sunbury, 1½ miles East of Pillow off Rt. 225. (Watch for Sale arrows along the Pillow to Klingerstown Road). Sale by Gurney Troutman, owner; Geo. Deibert, Auct. Klingerstown, Pa.

SAT. JUNE 9-10 A.M. DST Public Sale of Home Improvement Business, consisting of floor sanding equip., electric and hand tools, paints, hardware, woodworking tools and other valuable equip. On the premises on South Main St. in the Borough of Stewartstown, York Co., Penna. Sale by Mr. and Mrs. Clair A. Henry; Charles W. Shrodes and David W. Shrodes, Auctioneers.

FRI. AFTERNOON JUNE 15 - 600 head feeder pig public sale. Farms located north of Goodville, East Earl Twp. 3 way cross breeding. John J. Zeiset and Paul M. Zeiset; Elton Horning, Auct.

FRI. JUNE 15 - 12:30 Noon Public Sale of 120 Registered and Grade Holstein Heifers by Henry S. Lapp located 3 miles North of Gap along Rte. 340, just west of Rte. 10 near Cains, Lancaster Co. Snyder and Kreider, Auctioneers, Diller to read pedigrees.

FRI. JUNE 15 - Feeder Pig Sale of 600 head. Sale No 1 at 1 P.M. 240 Hd. of York, Hampshire and Duroc Feeder Pigs located North of Goodville, East Earl Twp., Lancaster Co., Pa. Sale by Paul M. Zeiset. Sale No. 2 at 2 P.M. 360 Hd. of York, Hampshire and Duroc Feeder Pigs by John J. Zeiset. Elton Horning, auctioneer.

SAT. JUNE 16 - 2 P.M. Absolute Auction of Valuable Real Estate located three miles southeast of Lebanon, three miles southwest of Myerstown, just east of the village of Prescott in South Lebanon and Jackson Townships, Lebanon County, Penna. Sale by S K. Norman, owner; Abe Diffenbach, Auctioneer.

SAT. JUNE 16 - Auction of Construction Equipment located 4 miles North of York, Pa. on Route 181, Exit 10 or 11 off Interstate 83, Emigsville, Pa. Sale by York Co. Farm & Ind. Equip. Co., Inc.

THURS, EVE. JUNE 21 - 7 P.M. DST Elwood Swarts Dairy Herd Dispersal and Dairy Equipment and Tractor located in York County, Pa., off Rte. 83 at exit 12, Strinestown, turn South on Locust Point Road, 2 miles to sale. Sale by Elwood Swarts, owner, R.R. 5, York, Pa.; Clair R. Slaybaugh, Auctioneer.

SAT. JUNE 23 - 10 A.M. Public Sale of Farm Machinery, Car, Household Goods and Antiques located approx. 2 miles north of Stewartstown along Rt. 24 in the Village of Rinely, York Co., Pa. Terms by Mr. and Mrs. Harry Overmiller, David Overmiller, power-of-attorney; Robert L. Sechrist, auctioneer.

SAT. JUNE 30 - J. Benjamin Kreider's Early Summer Holstein Sale located along Rte. 272, 4 miles South of The Buck. Registered and Grade Cows, bred and open Heifers. Auctioneers Diller and Kreider.

SAT. JUNE 30 - 10:00 A.M. DST Public Sale of Tools, Household Goods, Antiques, strings of old sleigh bells, shaft bells, cow bells, hand bells and old engines, located along Rte. 772, off of Rt. 23 at Leola, midway between Leola and Talmage. Terms by D. Rohrer Leaman. Robert E. Martin and Frank L. Steller, Auctioneers. In case of inclement weather sale will be held in tent.

THURS. EVE. JULY 5 - 6 P.M. Public Sale of Greenhouses, Greenhouse Supplies and Equipment, Tractor, Ponies, and Household Goods located midway between Delrov and Yorkanna along Rt. 124 (East Prospect Rd.) in York Co., Pa. Terms by Mr. & Mrs. Donald Tyson, York RD9, Pa.; Robert L. Sechrist, auctioneer.

SAT. JULY 7 - 10:00 A.M. DST Public Sale of Farm Equipment and Horse, Household Goods and Antiques located on Peters Road, 2 miles East of Rte. 23 at Groffdale. Turn east on Peters Road close to Zeldenrich Church, Lancaster County Pa. Terms by Rebecca L. Stoltzfus, for the Estate of Menno B. Stoltzfus. Robert E. Martin and Frank L. Steller, Auctioneer. In case of inclement weather sale will be held in tent.

SAT. JULY 14 - 10:00 A.M. Public Sale of Farming Implements, Household Goods, Antiques and Butchering Tools located approx. 4 miles northwest of Stewartstown midway between Mt. Olivet Church on the Plank Road and Winterstown in York Co., Pa. Terms by Mr. and Mrs. Emory Shenberger, Stewartstown, Pa. RD2; Robert L. Sechrist, Auctioneer.

SAT. JULY 21 - 12:00 Noon DST Public Sale of Household Goods and Antiques located 2 miles East of Hinkletown, turn off Rte. 322 at light on Lancaster Avenue. Terms by Samuel S. Groff. Robert E. Martin and Frank L. Steller, Auctioneers. In case of inclement weather sale will be held in tent.

SAT. AUG. 4 - 10:00 A.M. DST Public Sale of Valuable Real Estate, Household Goods and Antiques, 3¼ acres more or less with 2½ story double frame dwelling, 3 car garage. Frontage of 433 ft. along Fulton Street and 400 ft. on S. Custer Ave. and 291 ft along Lancaster-Downingtown Penn Central Railroad. Located in borough of New Holland Terms by Alta H. Paul and Lloyd G. Hoover, executors of Amos B. Hoover Estate. Robert E. Martin and Frank L. Steller, Auctioneers.

SPECIAL SALE

Stockers & Feeders

along with regular sale

Monday, June 4th-1973

several hundred Stocker & Feeder Cattle

Blue Ridge Livestock Sales, Inc.

Charles Town, West Virginia

Billy F. Owens, Mgr. Phone 304-725-5021

PUBLIC AUCTION

70 HEAD HOLSTEIN DAIRY CATTLE

Sale to be held at the ABERDEEN SALES CO. LIVESTOCK AUCTION MARKET dairy barn arena in Churchville, Harford Co., Md. located on Md. Rt. 22, 6 mi. east of Bel Air, Md. (via U. S. Rt. 1) and 6 mi. west of Aberdeen, Md. (via U. S. Rt. 40 or Interstate 95) on

FRIDAY NIGHT JUNE 8, 1973

8 P.M. EDST

This sale will feature 2 small dairy herds being dispersed because the owners are discontinuing the dairy business. These cows show top production and good breeding. Several cows are recently fresh; balance either close springers or in full flow of milk and rebred for average months.

Mr. John Bell will have one load of top springing and fresh heifers from Catlett, Virginia. We will also have several local consignments of good cows and heifers. All cattle in this sale are T. B. and blood tested for interstate shipment.

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FREE!

Your sale can be listed in our Sales Register without charge Just mail details to Lancaster Farming, P O Box 266, Lititz, Pa 17543

PUBLIC AUCTION

Having decided to discontinue dairy farming, I will sell my complete herd on my farm located at Black Station, Kennedyville, Md.

MONDAY, JUNE 4th, 1973 at 12:00 noon

70 HOLSTEIN COWS & BRED HEIFERS

This herd consists of 50 Cows in full flow of milk, many fresh, others milking and bred for fall & winter. . .14 Dry cows and close springers, 6 Bred heifers ready for summer production. . .Artificial and Registered Bulls have sired this young, large in size, good uddered herd. . .The herd shows true Holstein type and lots of production, many cows milking from 50 to 100 lbs. daily. .T.B. and bangs accredited, retested for sale. . .

MILK EQUIP: 600 gal. Mojonnier Va. Tank, washer, 3 Surge milkers, Water heater, dumping station, room heater, Surge ALMO Vac pump. .

J. EDWARD LARRIMORE, OWNER
Black Station, Kennedyville, Md.

HARRY RUDNICK & SONS, Inc.
Sales Managers & Auctioneers LUNCH

THE NEW OWNERSHIP OF

LANCASTER STOCKYARDS INC.

WILL CONTINUE THE POLICY OF A

STOCKER AND FEEDER AUCTION SALE

ON THE SECOND AND FOURTH FRIDAY EACH MONTH

NEXT SALE JUNE 8, 1973

SALE STARTS AT 1.00 P.M

All Grades Breeds Weights Load Lots — Small Lots

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QUALITY DAIRY CATTLE FOR SALE

BLACK and WHITE HOLSTEIN FARMS
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100 HEAD **REGISTERED & GRADE HOLSTEINS** 100 HEAD
On hand at all times

CANADIAN—WISCONSIN—MINNESOTA

All cattle hand picked for type, conformation and perfect udder development, most of them with good production and B F records NOTE Will deliver from 4 head to a carload subject to your approval to your farm at anytime

Pennsylvania's Largest Sales Pavilion

Dairy Cattle Auction Sale 3rd Friday Night Every Month

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